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# For Reference

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GOVERNMENT OF THE PROVINCE OF ALBERTA



# **FACTS AND FIGURES**

PREPARED BY
THE ALBERTA BUREAU OF STATISTICS
DEPARTMENT OF INDUSTRIES AND LABOUR

HONOURABLE N. A. WILLMORE MINISTER OF INDUSTRIES AND LABOUR

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LIMMAY OF THE UNIVERSITY OF ALBERTA

The pass of Industrial growth and general economic development in the last several years in the Province of Alberta has node avidated any previous complication of foots and fligures relating to the economy of Alberta. The people of our province are now preparing for and will be celebrating in the near future the Golden Jobilee, in commenceation of the fiftists anniversary of Alberta's becoming a province. It would appear to be an apportune and fitting time again to produce a publication which will provide to all these interested located information and statistics concerning the segandine accounter of Alberta.

Albatte, in the fifty short years of its life, has develaped from a sporsely satisfied agricultural pursuits of various kinds, to a specific area, depending almost entirely on limited agricultural pursuits of various kinds, to get where it way be now compared to a young Industrial glaset starting to fisk his wascles. Agriculture today still holds, and will continue to hold in the future, a deminant place in the overall accorder, but the miptid development of our rich natural resources in the last few years has turned the eyes of the free world toward Alberta and has added an important budgets to are accoming and way of living.

The Government of Alberta and the Department of Industries and Lobour look forward to the appartunity of dealing with and resolving the problement the the local part expansion for which Alberta appears to be headed. We face the future with great the control of the control of

Noma awillmor

Minister of Industries and Labour

#### FOREWORD

This second edition of "Alberta Facts and Figures" has been prepared in response to the constant demand for up-to-date information concerning the development of the province in recent years.

Since the end of World Wor II the Contadion economy has separated a period of separation and prosperity. In the case of the seconomy of Alberts the prosperity has been board on a series of good crops coupled with good prices for all agricultural products, and on the discovery and development of particulum and national ges resources since 1947. These feators in conjunction with a registry interessing peoplettes in Western Gordad and or production of the confidence of the confidence of the confidence of the confidence of a controlled how which has been excelled in marked in the losses control.

These circumstances have focused the attention of officials of industrial and compercial firms the world over on the potentialities of this region of Camada, and various goverment agancies have been requested to supply dependable statistical data on many facets of this development.

The period 1941 to 1953 has been chosen for concentrated study. The previous complete Census of Conde was taken in 1941 and final figures on the 1951 Census or evolutions. It is felt that these are two good base years on which to make comparisons. The most very-tracker (injuries overlather (even though perallenion) and ablight to light revision) have been used wherever possible to indicate development in 1952, 1953 and 1954, it is some consequently the control of the control of the control of any control of all gradual control of the control of the control of any control of the control of the control of any control of the control of the control of any control of the contro

The majority of the tables of statistics in this book are being reproduced from Dominion Bureau of Statistics publications. It is our belief that gathering statistics partaining to the province in one book will facilitate the study of the province in one book will facilitate the study of the province in one book will facilitate the study of the province in one book will be altered to the province in one book will be altered to the study of the province in one book will be altered to the study of the province in one book will be altered to the province in the province of the province in the province in the province in the province of the province in the province

The book has been prepared, quite frankly, to interest officials of commercial and industrial firms in the further development of Alberta's resources, and the information and statistical data contained are of the type most frequently requested. It is hoped, however, that the material will prove useful to many others interested in the progress of this province.

The Alberta Bureau of Statistics stands ready to provide the most up-to-date information available on a wide range of subjects. Special market surveys may be undertaken at the direction of the Minister of the Decartement of Industries and Labour.

The Bureau will be glad to hear of any errors which may have escaped notice and will welcome suggestions as to omissions of certain types of material or method of treatment.

15 December 1954

DEPARTMENT OF INDUSTRIES AND LABOUR ALBERTA BUREAU OF STATISTICS

D. I. ISTVANFEY - Statistician

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Allores, contripa (55, 265 square mins, just behaves for Province of Seducthown and Ne Rody Manathers, A behave a p of places everaging more than 500 miles from east in several 400 miles from south to north. This could map part of the province is an fixed dy treates around boilt changing to the north Into a cover to pagine interspread with open premise. This gives well or mand ferests covering more northern part. The Fre-Conficien rocks extent Albertic at it is north-vasit covere as that, excepting ladd by remide set of the province in covering the variety of the v

Despite the wider-spread impression that the Canadian prairies are nearly level, actually this region might better be described as a very wide inclined plain deeply cut by rivers and marked by plateaux and margins in the west with the foothfills of the Bocky Mountains.

Alberta may be divided coughly who these grand divisions which shole one into the other. The first division is treated, salling prairs covered naturally with drift grain and extending for more than 200 roles north of the International Boundary to about the Bed Deer Rivers. It is waitered by the Old Man. 51 Marrys, Bow and Red Deer Rivers.

The central division is mostly a path-like country, a succession of wide ridges and broad vallegy feely interprised with lakes and streams and covered with being of inthe which give the londiscope a pleasing and hospitable appearance. Desirage is by the North Spikotchewin River with its numerous thistotaries.

The Northam Division congrises about half the province. This is a region of great rivers, takes and forests broken by fracts of open greater like the Grande Provine district and the wide surepping terroces of the Frace Text Valley. These river systems, the Altabababa, Prace and Hay, data this oneo. The Altababaka and Prace systems denies in the boson of Lase Altababaka and hay data this by the Stare Kirar northward into Great Stave Lases, the source of the Abochartas Kirar and the Altabababa and the Abochartas Kirar and the Abochartas Kirar

Aborth, has two marked feat-way the great valley of the Rece River, the has resulted in the settlement further north train in any other part of Coroth, he wenderful gazeng lands in the facilities district which, 'sing plaqpy' on the way, commance the sector that continues to the very past of the Riccy Mountain, The another half of the province range heavily for the very past of the Riccy Mountain, The another half of the province range heavily for the \$2.000 to 4,000 last, But In the northern half the slopes detected until elevations well under 1,000 that are received at Lisk Athibability in the northern set.

Asked his the more extravers coal resources of any of the provinces and not become the leading produces of particles and extravels are including a required in the more movembers weather part and in the earth, and enothing is at all pursued in the less people dell extraves. Because of the amount of the production of the contravel of the amount of products there are considerable sense where the quantity and including and products and the restaint procedure from the product of the restaint procedure from which the product of the restaint procedure from makes permanent agriculture practice on and in these amounts on their large irrigation projects have not except products and the product of the restaint projects from the converging the first waits people from internating in the converses that from the assessment of the converses that from the assessment of the converse that from the assessment of the converse that from the assessment of the converse that for their the assessment of the converse that from the assessment of the converse that from the assessment of the converse that for their their states of the converse that from the assessment of the converse that from the converse t

The climate of Alberta is a particularly pleasant one, cooler in summer than the more eastern parts of the country and tempered in winter by the chinook winds.

On the parties in winder, will be ill cold spills are counted by an outlewed of Polar or, the cold were may page quickly powhereheaved in the registed by of Time of merch inflate are from the seat or polar winder. On the other hand, the first bear into Clancida control, On the other hand the seaty files of very cold are creating the Polar bear into Clancida control, and the other hand the control of the control of the control of the control on the control of the cont

Great veriations in summer temperatures on stiffected in the look of depotability in solicial. Great deprimes when a generally the accompositions of depolar, Controlivius, although the according of coal verses may bring welcome suindial tway may also bring scattered fronts. Chiy a llimited portion of the southern positions has not everage contribuously scartlered period of 100 days oness. The prime distribution provinces to less than 700 days smeediately north of the North Sodiothermon fiver. These are many focal controllers both closers and below the general versions greater than 100 days in the controllers of the North Sodiothermon fiver. These are many focal controllers but closers on a below the general versions greater than 100 days and 100 day

This general affect is to line strianally the character of plants which may be soccasfully grown the parties. Course gains, which can wishtened light freats at the beginning of the second and suffer only a lowering of quality by light freats pain price to horvesting, are the principal crops. Except in Albarta the manages of freat selectors that one country are to horvesting, are the principal crops. Except in Albarta the manages of freat selectors that one country are not not for the Noeth Scalector and Revenue and the selector of the s

One of the most striking features of the weather of this region occurs in winter. This is the executed tribunge from bitter cold to compactive wearth, generally colled the "Chinock". It is next promounted in southern Alberts. The content behavior in representants of owe and the wast day very be represented in the production of the general cold of the production of the general collection of the general col

The borders position is offered content with the Recitic Coast how a curry reason from the North way free free may be a mission of the Section of the Sectio

Pleasting of wheat countries begin in another Alberts in late North and generally proceeds at societarity lates does expected an enchannel. It stored is accomplished in good rate, explication of the countries o

The following tables give climatelogical data for Alberta. The first table fish temperature and precipitation data based on the 30 years period 1921 to 1950 which is to become the standard normal period. The sentreme values of temperature shown here are also conflicted to this 1921 to 1950 period.

This second table shows frest data. Since the period of record has not been stroderdized as yet, the number of pears used in section case, usuelty ending in 1920, is shown. Locations not already included in the first table are indicated by showing the elevations in each case. An atterisk indicates less than 31 days for the shortest frost-free period or neck).

31 days for the shortest trast-free period on record.

The third table lists the available sunshine averages. There are relatively few stations in Alberta equipped with sunshine recording appearable. The period of record is shown for each station and ends in

1950 in most cases.

Throughout the test, and tables fallowing, frequent reference a mode to census divisions not one opposition. These are entitled regional divisions instituted for the purpose of moting regional studies of smaller areas of the province. They have no administrative significance in themselves, and only make the sealor to refer to vertices regions of the province. "Critiq districts" are corresponded to census and continue to the co



TABLE 1, --- STANDARD 30 YEAR (1921 1950) NORMALS OF TEMPERATURE

			,	TEMPERATUR	E (DEGREES	FAHRENHEIT)	
	STATION	ELEVATION (FEET)	LOWEST	нионеет	MAX,	MIN,	
	ALIX				24	-9	
	ALIX ATHABASCA	2505 1690	-64	105	24	-5	
í	BANFF	4103	-60	24	12		
- 7	BEAVERLODGE	2500	-53	95	10	ï	
	BEAVER MINES	4219					
	BROOKS	2487	-50	104	21	,	
	CALGARY CALMAR	2540 2200	46 -97	97	26	5 -3	
	CAMPBIE	2200	-97	100	12	-3	
10	CARDSTON	2456	-43	160	20	10	
.,	GARWAY (TWIN LAKES)	4000					
	G-AREAHOLM	2395					
	COLEMAN	4512					
14	EDMONTON	2219	-55	59	17		
15	RORGA	2983	-55	100	21	-1	
16	ELK POINT (GLENDON)	1900	-64	108		-10	
17	ENTRANCE	3216	-60	100	26	1.	
**	FORT MAGLEDO	5126	-49	110	28	10	
19	FORT VERMILION	950	-73	101		-19	
20	GLEICHEN	2992	-49	39	22.		
21	HANNA	2477	-50	102	17		
3.5	HIGH RIVER	3500	49	99	29		
83	HILLSDOWN	2940	42	101	2.5	0	
24	HILLSPRING (CALDWELL)	4900					
25	JASPER	3489	-91	94	220	4	
26	JENNER	2480	-14	105	16	-4	
27	LACOMBE	2783	~49	100	21	-4	
20	LAKE LOUISE	5652	-63	94	19	+9	
29		1018	-45	102	2)6		
30	CLOYDMINSTER	2130	-81	100			
31		2918	-93	114	8.0	3	
	LYNDON	4900			-	w	
3.3	MCMURRAY	12.16	-60	105		1.7	
24	MEDICINE HAT	2345	-49	105	24	4.	
35	MOUNTAIN VIEW	4325		-			
76	NORDEGG	4300	~53	91	Z.L	2	
37	OL D8	3413	-46	99	2.9	8	
38	PEKISKO	4721	-52	95	2.0	5	
40	PINCHER CREEK	2758 2250	-24	96	26	4	
40	HAMP ORC T	2490	-11	-03			
41		3300		* 4			
42	SEVEN PERSONS	8480					
43	SION SLAVE LANE	2315 1905	-55		52		
41	SPRINGDALE	2000	-66	95	21	15	
					**	-	
46	STETTLEM	2700	-92	198	26	0	
47	BTRATHMORE	3160	~49 -61	99	22.	0 -7	
48	THREE HILLS	2075 2976	-61 -55	195	85 20	-7	
50		2335	44	195	24	1	
41		2230	-69	193	14	-6	
52	VJLCAN	3442	-14	104		-9	
53	WASTINA WATERTON PARK	2490 4300	-54	104	14	-9	
	WATERTON PARK	1460	41		10	m2	

SS WETASKIWIN

### AND PRECIPITATION, ALBERTA WEATHER STATIONS

73 44

76 49

77 49

76 40

74 44

. -

77 48

80 49

JULY MEAN DAILY | MEAN ANNUAL MEAN ANNUAL MEAN MONTHLY TOTAL PRECIP.

MAX.	MIN.	PRECIP.	SHOWFALL	APRIL	MAY	JUNE	JULY	
79	47	17,70	54.4	1,00	1,57	2,73	2,50	
27	44	17,58	55,0	0.75	1.75	2.52	2.87	3
22	43	17,99	73.5	1,12	1,65	2,59	1,61	
73	48	17,32	88,2	0,87	1,50	2,01	3,31	4
		23,01	116.3	1,77	2,40	5,50	5,62	
		,,-						
83	92				-	-		7
76	49	17,47	57,0	1,26	1.94	3.48	2.41	
75	47	16,27	49,9	1,20	2,04	3.05	3,13	
75	46	18,08	49.0	0.97	1,95	2,65	3,55	
79	50	17,66	60,6	1,14	2,33	3,52	1,69	10
		16,54	83.0	1,91	2.07	3,14	1,04	11
		14,04	58.3	0.94	1,46	2,16	1,42	12
-		16,73	79,6	1,42	1.93	2.76	1,51	13
76	51	17,63	52,9	1,10	1,82	2,97	3,11	14
74	44	19,91	50,4	1,05	1,62	5,54	3,55	18
75	47	(5,16	42.7	0,66	8.37	1,61	2.53	16
74	43	19,06	52,6	1,15	1.50	3,07	2.76	17
61.	53	17,24	50,6	1,01	2,27	5,43	1,00	10
76	49	12,76	43,3	0.61	1,26	1,67	1,87	19
79	80	14,75	47,9	1,14	1,66	2,44	2,07	2.0
76	51	12,45	21,3	0,41	1,41	2.55	2.20	23
76	**	20.50	27,6	1,76	2.16	3.87	2,06	22
74	45	17,14	54.1	1,27	1,64	2,94	2,65	8.5
74	44	22,09	98.0	1,07	2,49	3,95	1,66	24
74	41	14,31	42.2	0.69	1 18	1,69	1,07	25
74	49	14,31	41,2	0,09	1 12	1,00	1,07	45
**	51	12,27	27,3	6,92	1,49	1,93	1,29	26
77	47	18,17	44.9	1,23	1,94	3,19	2.94	27
71	37	26 98	163,6	1,60	1,75	2,29	1,79	20
40	51	16,74	60.0	1,34	2,07	1.92	1,67	29
76	51				0,10	2,23	2,28	30
76		10.40	79.3	1.24	2,59	3.57	1.67	31
/6	**	10.00	69.1	1,48	2,42	3,76	1,00	31
76	42	16.12	47,2	0.77	1.29	8.11	3.01	33
**	58	13.55	41.6	0,99	1,33	2.25	1,39	34
	50	25,10	99,1	8,15	2,65	3,64	1,29	36
		23,19	99,1	4,15	2,05	3,04	1,74	
40	41	21,75	64,2	1,34	2 16	4,55	3,17	36
74	48	17,56	50,4	1,82	1,95	3,31	2,67	37
70.	40	24,02	94,2	1,93	2,79	4,50	2,00	30
77	48	20,99	62,9	1,55	2,41	4,04	1,72	39
77	49							40
		19,87	55.2	1,63	1,10	3,06	2.05	41
		13.48	64.5	1.05	1.50	2,14	1,30	42
		16.56	57.8	0,82	1,57	2,69	5,20	43
70	44	10.40	67.4	0.91	1.79	1.34	3.87	44

58.4 1,43 2,05 3,32 3,34 45

43,9 1,10 1,64 3,14 2,80 41

35,0

40.2 0.74 1.76 2.65

30.5 9,65 1.53 5,02 2,16 45

31,5 0,64 1,62 2,00 1,62 30

35,6 0,85 1,55 2,50 2,70 31

40.9 1.11 1.90 2.68

141.5 2,66 2,60 3,64 1,70 94

55,0

19.94

15,26

14,70

15,26

14,35

12,34

14,50

14.45

29,25

17,46

0,91

0,63 1,23 2,44 2,05 44

1,26 1.72 2.85 2,99 51

1,77 1,62

5,14 1,99 42

2,65

41

52

PRECIPITATION (INCHES)

TABLE 2.- FROST DATA, ALBERTA WEATHER STATIONS

STATION	PERIOD	LAST IN SPRING	FIRST IN	MEAN	LONGEST	SHORTEST	ELEV.
	(YRB)			(DAYS)	(DAYS)	(DAYS)	
ALIX	43	JUN, 1	AUG, 36	62	124		
ANTHRACITE	22	JUN, 24	AUG 23	60	106	*	4499
ATHABASCA	29	JUN, 19	AUG. 17	99	67		
AYHABABGA LANDING	24	JUN. 16	AUG. IS	40	spe		
BAHFF	54	JUN. 4	AUG. III	73	96	•	
BEAVERLODGE BROOKS	36 54	MAY 10 MAY 22	9EP, 1	94	140		
CALGARY	44	JUN. 5	9EP. 3	98	127	41	
SALGARY (A)		MAY SE	SEP, 15	110	110	163	
GALMAR	2.5	JUN, B	AUG., 27	Bo	136	24	
CAMPSIE	38	JUN. 10	AUG, 22	61	84		
CAMROSE	20	JUN. S	AEP, I	90	134	68	2216
CARDSTON	35	MAY 30	SEP. 10	165	LED	67	
CLARESHOLM	97	JUN. 1	SEP. 3	94	123	31	
CORONATION	24	JUN. 1	SEP. 3	94	137		2616
DUNVEGAN	34	JUN. 9	ANG, 7	70	114		1305
EDMONTON	60	MAY 29	SCP. 4	100	144	44	
EDMONTON (A)	55	MAY 24	8EP. 16	115	149	80	
EDSON ELK POINT	38	JUN, 15	AUG. 19 AUG. 18	5P 64	12.7 103	:	
ELMWORTH	74	JUN, 25	AUG 11	51	46		2450
ENTRANCE	NA.	JUN, 20 MAY 17	AUG. 18	48	25		
FOREMOST FORT CHIPEWYAN	44 18	MAY 17	8EP, 17	143	193	14	214
FORT MAGLEOD	55	MAY II	9EP, 19	118	145		714
FORT VERMILION	41	AVN. 17	AUG. 17	- 61	104		
GEM	10	MAY 31	#EP, 3	91	116	20	2464
SLEICHEN	**	MAY 19	SEP. 3	101	172	53	2464
GROLLARD	24	July, 9	AUG, IN	78	118		1000
HALKIRK	88	MAY 20	SEP, 3	94	137	44	2700
HANNA	75	MAY 25	Sec. I	908	149	**	26377
HARMATTAN	36	JUN, 28	AUG, 13	36	51		3.900
HIGH PRAIRIE	20	JUN. 8	AUG., 28	81	516	54	1968
HIGH RIVER	39	JUN, 15	AUG 12	59	106		
HILLBOOWN	44	JUH, 2	AUG 30	89	130	54	
HILLSPRING (CALDWELL)	66 23	JUN, A	5EF. 7	95	136	30	1900
	23	JUN, 13 JUN, 12	AUG. IS	69 25	126	:	1900
JENNER JENNER	77	MAY 31	85P. 13	104	151	62	
LACOMBE	49	JUH. 9	AUG. 16	78	138	39	
LAKE LOUISE	24	Att 10	Avi., 21	**	**		
WETHERIDGE	28	MAY 25	BCC. 13	111	147		
LETHORIDGE (A)	12.	MAY 24	8EP, 17	116	161	**	
LLOYDMINSTER	36	JUN, 3	AUG, 31	-00	136		
LUNDBRECK (PLAYLE CREEK)	36	JUL, 2	AUG, 1	10	86	•	
MCMURRAY	17	JUH, 18	AUG, 22	67	161		
MCMURRAY (A)	7	JUN, 25	AUG. 6	46	87		
MANYHERRIES MEDICINE HAT	23	MAY 25	86P, 18	117	159	75	9100
MEDICINE HAT	88	MAY 15	85P. 10	127	187	110	
NORDEGO		JUN, 20	Aug, I	25			
NONDEES OLD A	35	JUN, 20 JUN, 2	86P. 8	22	150	43	
PEACE HIVEH	26	JUN, 2	8EP, 1	61	100	30	.620
PEKIRKO	40	JUN, 29	AUG, 4	36	100		
PERSOCK	25	JUN. 3	SEP. 4	93	113		2650

BLAVE LAKE	26	JUN, 9	AUG. 26	76	124		
BPRINGDAL E	37	JUN, 23	AUG., 10	41	93		
STETTLER	92.	MAY 26	SEP. 3	100	155		
SHOMHTARTS	36	MAY 28	6EP. 9	104	149	51	
THREE HILLS	19	JUN, 13	AJG, 21	66	815		
THORNILD	26	JUN, 12	AUG., 21	76	1.15		2075
VAUKHALL	34	MAY 27	SEP. 13	108	144	63	
VERMIL.ON	24	JUN. 6	Aug, 23	75	112	38	2029
VIKING	26	Jun, a	SEP, 1	90	144	41	2210
WARASCA	2.0	MAY 29	Ser, 11	105	140	46	1720
WARTINA	3.6	JUN 7	AUG, 28	82	124	3.0	
WETABLININ	43	MAY 31	SCP, 3	99	137	34	

AUG. 31

AUG. 27

AUG. 4

MEAN LONGEST

141

90

(DAYE)

91 144 47

70

90 100 58

1241

8977

SHORTEST

31 2194

(DAYE)

ELEV.

2870

LAST IN FIRST IN

JUN, 1 JUN 1 JUN, 9 SEP. 2

JUN. 4 SEP, 1

MAY 31

PERIOD **GPRING** FALL

45

20

22 JUN, 24 8EP, 8

STATION

BOCKY MOUNTAIN HOUSE

ROCKY MOUNTAIN HOUSE (3)

PINCHER CREEK

RANFURLY

RED DEER

BEOGEWICK

MEDICINE HAT

BANFURLY

. INDIGATES LESS THAN H DAYS, ALLY 19TH IS ARBITRARILY TAXEN AS THE CRITICAL DATE BETWEEN SPRING AND FALL PROSTS.

TABLE	3. — BRIGHT SUNSHIN	DATA, ALBER	TA WEATHER STATIONS
		PERIOD (YRS)	MEAN ANNUAL (HOUMR)
	BEAVERLOOGE	28	2104
	CALGARY	90	28p1
	EDMONTON	44	9179
	PAIRVIEW	19	1898
	FORT VERMILION	43	P951
	MEG RIVER	18	1968
	LACOMBE	43	2136
	CETHBRIDGE	43	2342
	MANYBERRIEF	22	2262

and is some of the publications of this office these divisions have been referred to and designated as no. 8. For instruces, Canna Division No. 1 is the Medicine Har-Courts again, Census Division No. 6 the Calgory-Drumbleller againg and Census Division No. 16 is the Gender Persure-Spirit River region. For the convenience of those who are familiar with Alberta but who are not familiar with the division bloomderise the following its may prove of visual works may are not available:

	USION	REGION	CENSUS DIVISION	REGION
1	-	Medicine Hat-Courts	10 -	Vegreville-Vermilion
2	**	Lethbridge-Pincher Creek	11 .	
3	-	Brooks	12 -	Edson
ă.	-	High River=Carmangay	13	
5	**	Hanna "Youngstown	14 -	
6	**	Calgary-Drumheller	15 -	Peace River-High Prairie
7		Coronation-Wainwright	16	
В	-	Red Deer-Comrose	17 -	
Ŷ		Rocky Mountain House-Jasper		, , , , , , , , , , , , , , , , , , , ,

#### GOVERNMENT

The Queen is represented in Alberta by the Lieutenort-Governor who is appointed by the Federal Government the Leutenart-Governor oction the advice of the Executive Councir. or Calbrial which is responsible to the Legislature of the Province. The Cacilest, appointed by the Premit Fore the members of his party in the Legislature, remains in office only as long as it enjoys the confidence of the Legislature.

The Lagislative coasist as of one soose, the Lagislative Assembly, is elected for a behavior server of five years but may be disclosed within that pair doly the Luesteenon's Conversor on the advice of the Parelier All British subjects or Connell as citizens, unde or female, of age noneten years or over who have ustifulate certain last decre reservances and who are not fell under extentive yillaqualifications are exhibited to valor or proviously excluded as extended (1959) the Lagislative consult of Subjection exhibited as a service of the Conversion of Subjective and the Conversion of Subjective and Conversion of Subjective Conversion of

The Manaurable John J. Bowlen, the present Lieutenant-Governor was commissioned to office on February 1, 1950.

The Mambaus of the Cobinet on of mist 1954 was as follows:

for changes to mid-1954.

the Manipulation like Committee on a large 1735 water or relibera-	
OFFICE	NAME
Premier, Provincial Treasurer and Minister of Mines and Minesols Attomsy-General Minister of Education Minister of Agnoulture, Water Resources and Irrigation Minister of Agnounter of Minister of Agnounce Affors and Public Works	Hon, Lucien Maynard Hon, A.O. Arrborg Hon L.C Halmrast Hon, A.J. Hooke
Minister of Health Minister of Highways, Railways and Telephones Minister of Industries and Labour Minister of Lands and Forests	Hon. G.E. Taylor Hon N A. Willmore Hon. Ivan Casey

CONSTITUENCY	MEMBER PARTY
Acadia*Curonation	Gerhart, Hon. C E
Athabasca	Arolso, Antonio S C S C S.C.
Bonnyville	Joly, Loudos \$ C
Bow Valley-Empress	Corn, W E



CONSTITUENCY PARTY

10

Colgary	Brecken, Paul
Calgary	Colborne, Fred S.C.
Colgary	
Calgary	
Colgary	
Calgary	
Clover Bar	Baker, F.M. S.C.
Comrose	
Cardston	Hinman, E.W. S.C.
Cypress	Underdahl, J. S.C
Drumheiler	
Didsbury	Hammell, H.G. S.C.
Edmonton.	Gerhart, Edoor S.C.
Edmonton	Manning, Prof. E.C S.C.
Edmonton	
Edmonton	Page, J Percy P C
Edmonton	Roper, Elmer É C.C.F
Edmonton	
Edmonton	Torner, M.E. Lib.
	Willmore, Hon. N.A
Grande Prairie	
Hand Hills	
Lacombe	Patrick, A.R. S.C.
	Lobay, Harry
Lac Ste. Anne	Montemurro, A.M. S.C.
Leduc	Ansley, Earl R
Lethbridge	Landeryou, J.C. S.C.
Little Bow	Landeryou J.C. S.C. Dowson, Hon. Peter S.C. Horrley, Jomes S.C. Robinson, Mrs. J.L. S.C. Robinson, Mrs. J.L. S.C.
Macleod	Robinson, Mrs. J.L. S.C.
Medicine Hat	Niddrie, Fred S.C.
Olds Okotoks-High River	Niddrie, Fred S.C. Casey, Hon. Ivan S.C.
Peace River	Gullland, W.F. S.C.
Pambles	Guilland, W.F. S.C. Jorgenson, Hon. R.D. S.C.
Pembina Pincher Creek-Crownest	Kovech, William S.C.
Ponoka	Johnston, G.F. S.C
Red Deer	Kirby, W.J.C. P.C.
Redwater	Choba, Peter
Rocky Mountain House	Hooke, Hon. A.J. S.C.
Stettler	
Stony Plain	Wood, Mrs C.R. S C
Sedgewick	
St. Paul	Reserson, Raymond S.C.
Spirit River	
St. Albert	Maynerd, Hon, Lucien S.C.
Tober	
Vermilion	Cornish, W.R. S.C.
Vegrey'lle	Ponich, Michael S.C.
Wurner	Halmrost, Hon. L.C
Wetask win	
Walrwnght	Masson, William S.C.
Willingdon	Dushenski, Nick
* Speaker of the House	i.
S.C.~~Social Credit.	
Lib.—-Liberal.	

C.—Gorrer Creat.
 C.—Progressive Conservative
 C.C.F.—Comparative Commonwealth Federation.

For purposes of electing members to the Federal House of Commons, Alberta 's divided into seventeen electional districts as shown on the map of the Federal Electoral Districts. The members are at present the following



ELECTORAL DISTRICTS, AND N THE TWENTY-SECOND GENER	AMES OF MEMBERS OF THE HOUSE OF COM AL ELECTION, AUG. 10, 1953, AND REVI ——ALBERTA—	AMONS, AS ELECTED AT ISED TO DEC. 31, 1953,
ELECTORAL DISTRICT	MEMBER	PARTY
Acadia Athabaska Battle River-Camrose Bow River Calgary North Calgary South Edmonton East	Quelch, V. Dachena, J.M. Fair, R. Johnsten, C.E. Harkness, D.S. Nickle, C.O. Holowach, A	S.C. Lib. S.C. P.C. P.C. S.C.

Edmonton-Strathcona Edmonton West

Holowach, A
Honna, R.F.L.
Prudham, Hom. G.
Yusil, C.
Blackmore, J.H.
Honsell, F.G.
Wylie, W.D.
Low, S.E.
Shaw, F.D.
Decore, J.
Thomas, R. Lib. S.C. S.C. S.C. S.C. S.C. S.C. Jasper-Edson Lethbridge Macleod Medicine Hat Peace River Red Deer

Vegreville Wetaskiwin

## **AGRICULTURE**

Prepared by:

R.E English, Agricultural Statistician, Alberta Department of Agriculture.



The Province of Alberta is 255, 265 square miles in extent, 248,000 square miles being land and the balance fresh water. It is estimated that 66 million acres of land (45 per cent of the total land area) right one day be wittliked for grancultural purposes. Abour 30 million acres are claused as good to fair arable land and another 10 million acres are fallen in cessored from the consocial facility of the control purpose. Albert 30 million acres are fallen for accessed from the 2.271.04 exces instantives.

On the basis of sixted lifty for agriculture, Alberta may be divided into four zone each controlling a chemicaturit's call pies, manely, abone (firely) and and profiled, dide breves, black and gavy wooded. The soils in each zone often very a great deal wither sent distances and for the most part, the change is oil hyperbatherencoses is gooded. Nevertheaus, distincts thyper of grigicature have been developed in each zone as a result of differences in soil sentility and climate, aspecially rainfoll and tensoratures deturn the cravitine search.

Differences in agricultural conditions between soi Zones are indicated by differences in the varietal surfability of cereal crops. This is illustrated in the combined soils and cereal crop varietal zonarian map with accesspanying table.



SOILS AND CEREAL CROP VARIETAL ZONES

### VARIETIES OF GRAIN FOR ALBERTA As Recommended By

### THE ALBERTA VARIETAL ZONATION COMMITTEE, 1954

Zones	Spring Wheat	Winter Wheat	Barley	Oats	Flax
1	* Chinook * Rescue Thatcher	Yogo	Compana Vantage	Eagle Exeter	Royal
2 A	* Chinook * Rescue Thatcher	Kharkov M C.22 Yogo	Compana Vantage	Eag.é Exeter	Redwood Royal
2 B	* Chinook * Rescue Thatcher		Vantage Valvon 11	Eagle Victory	Redwood Rocket
2 C	* Chinook * Rescue Thatcher	Kharkov M.C.22	Compana * OIII Vantage	Eagle ** Larain	Redwing Redwood Rocket
2 D	Thatcher		* Olfi Vantage	Engle Victory	Redwing Redwood Rocket
Irrigoted Areas	Thatcher		Harlan Titan	Eogle	Redwood
3 A	Squaders Thatcher	Kharkov M.C.22	Newal OIII Vantage	Eagle ** Larein	Redwing Redwoo Rocket
3 8	Saunders Thatcher		Newal Olli Vantage	Eagle ★* Laroin	Redwing Redwoo Rocket
3 C	Saunders Thatcher		Newal Olli Vantage	Beaver Victory	Redwing Rocket
4 A	Saunders Thatcher		Newai OIII Vantage	Eogle Beover	Redwing Rocket
4 B	Saunders Thatcher		Newal Olii Vantage	Beaver Victory	Redwing Rocket
4 C	Saunders Thatcher		Newal Olli	Beaver Victory	Redwing Rocket

Sawfly resistant. .. For wild out control and where early maturity is essential.

A brief description of each soils zone follows:

Varietal recommendations within soils zones vary less than between them. Variations in soil types within soil zones as in 2 C near Medicine Hat, 4 A east of Edmonton and 3 C of Grande Pra'rie affect varietal recommendations. Few varieties are recommended for Irrigated areas, Thatcher wheat is the only cereal crap variety considered sustable in all areas. On the other hand, compana barley, exeter outs and rayal flax are recommended in relatively limited areas

The Brown Soils (Zane 1): The brown soils zone is semi-acid prairie and occupies about 12.5 million acres are classed as fair to good arable land and 4 million acres are classed as fair to good arable land and 4 million as poor to fair,

Inadequate pracipitation is the principal limiting factor to crop production on the brown sails. The average arms precipitation waries from 11 inches in the extreme south-reset to 14 inches on the west end north boundaries While most of the nutrial counts outing the growing season, year to year variable by a think, The lack of moisture in the brown sails zone seriously limits crop production in about one-half the years.

Late spring or earry fall frosts do not often limit production in the south of this zone. The growing period is estimated to be about 145 days at Medicine Hat. This penalts the production of a wide range of crops under ringation. But in the north, frost in the falls in frequently a limiting factor,

What is the predoctioning dry land stop on the brown colls, a wheat-fallow or wheat-fallow retains using penerally fallowed. The send that a constrible for cultivation is devoted to the production of cartie and sheep under many conditions. The carrying capacity of these lands is relatively to be but the currently well with grosses produced is high.

The Dark Brown Soils (Zone 2) The dark brown soils zone is chiefly short-grass prairie datted with small tree clumes. It contains nearly 16 million acres of which 9 million are classed as

good to fair arable, and one and one-half million as poor to fair arable

Average granual precipitation in most of this zone les between 14 and 15 inches. This permits a

somewhat more diversified type of forming from as possible on dry land in the brown soils zones. The growing season is shorter, varying from about 135 days at Lethin-lage to 100 days northeast of Coronalion. The most extressive wheat growing regions in Albertia are in the dark brown soils zone. Three-awarters of the area seeded to creech is generally devoted to wheat production. In the south wheat

growing or cattle ranching are conducted as specialties, in the west and north a considerable degree of mixed farming is practiced

The Black Solis (Zone 3) The black soil are "parkland country" and are the most productive in the Province. They accept about 10 million acress of which 7.5 million are fair to good arabla.

Most of this zone lies in the area tost receives on average precipitation of 17 to 18 inches

ennually. The length of the growing period varies from 120 days southeast of Edmonton to 100 days in the north and east

The black sails are adopted for mixed farming, and here dairying and the production of swine are most highly developed. The trend in this direction is more noticeable year by year.

The Grey Wooded Sot is (Zone 4) Including the Peace River transition soils, the grey wooded soils comprise about 110 million acress. The total area presently accupied or available for settlement is estimated at 25 million acres of which 15 million mays the anable.

Precipitation in the grey wooded so in zone varies from about 18 inches annually at Athabasica to less than 13 inches of Fart Vermillion. The shortness of the growing season limits the varieties of crops that can be grown. It small cross the everage period when the Interpentative is above 29 degrees. For hardward in the string and fall is 110 days, but a major part of the zone averages 100 days or less with core party work of 25 days. Meaver, upon growner days offset that subsendance to make askert.

Wooded sails generally require applications of mineral ferhitzers. With minerals added, egumes do wall one will provide the nitrogen which is also locking in these soils. While considerable wheat is grown or some increation soils the area is best adapted for the product on of coarse grains. Most of the leaveme seeds produced in the first notice, come from the wooded sails zone.

Irrigation Lands now irrigable in Alberta, excluding private projects, total 649,000 acres.

Under present proposa s, water will be mode available for a further 450,000 acres when the St. Mary and Milk Rivers' Project now in acouse of construction is completed. Most of this development is in the brown soils soon with the remander or dark forces soils.

There are four main types of irrigoted forms, namely, grain, live stock, specialty crops and raised farming types. Where occupies total of 45 to 55 per cent of all crop land seceed, and the provietion of use shock is well distributed to such aspectify and invited farming basis. Cattle fair of sheep are also arought in from adjoining range level and finished, Specialty crop production is centred near the fair in the fair of the sheep are also arought in from adjoining range level and finished. Specialty crop production is centred near the first fair and assume the support of Remond. Per the State and Technical Control of the State of t

Toher and Brooks, and vegetables for freezing at Lethbridge.





TOP MONEATICS CANAL LOWER SPRING EN MINISATION

Agriculore agricular to the consistence of the first of the first of the first field, or copyal porter in the North-West of Landau, Carpon phenol "in cubin product" and take address that for presented problems of wholessed first first presented problems of wholesced first first first present and promotes respond to record to record a read on postular ware builty and beavy in an attent in the far science of a Nineco at each restort that of tenders about the social to reduce the resolution produced for the first first

of fur feature posts.

By the time Prince Roper's Land was purchased by Condo in 1869, a number of retired Huddon's Bay Company ampropers and others had formed sath-search in the openity. Church missional provided a nutsels for other relationershy. These only settlems extended knowledge regarding the positive billities of the country for agriculture, or representations and weekened the authority of the "Company" in the territories.

The arrived of the North-West Mounted Police in 1874 mode positive the development of cattle naching in the South. The set y heads were striven in from the United States, but improvement was made faster thousan the Improvement of the Justee Kingdon.

The general services of the country could not be well-record, boarse, wit inches you be becaused for one in greater and on most from 6 facts considerations, and are serviced. The Consideration of the Service of the Consideration of the Cons

The development of markets was a slow process. The first shipment of cast-le to the British market body lace on 1950but returns were like and the effort was not sustained, A major try of the hoper standers first procedule that where Calignary and discretion. They produced only, help and process limit procedule such as butter and eggs. At the of this produce was disposed of in the local market, sometimes with difficulty becomes of the superior machinal time of manager amonghand considerations.

The deve operant of assuming or the Kooterony Region of sputhern Birthin Columbia, provided the Brist Substantial marks of for form commoditive produced in Albertan. Certific water dir vier in for sloughts in the early America 19, 1897, commonwest on between the making districts of both bens driven operand or for Coosidion Pacific Substantial view, the first year, is general relative to or in always retries permitted the over each far ones; in a Elementon to complete with the United States in the markets for oats, incy., Josten.

The importance of the Koptanopy market at this time control to over-emphasized, it mode possible this accessful sales without of time mail, registrapid possible this accessful sales without of time mail. The provision of the control of the contro

In the early nineties there had been much coming and going of potential settlers and not gains of population were small. The flading of markets for form produce, and world accopanic conductions forecastles or apparation, increased settlement. Between 1900 and 1900 the number of farms in A bert once from 9, 433 to 30, 280. The census of approaching for 1900 showed a cattle population of nearly one and on boast and that many them 900,000 carms were needed to fill factors. Details of the receive of a many or boast and time more than 900,000 carms were needed to fill factors. Details of the receive of any

Farl Wheat	83,498	ocres	Sugar Beets	3,344	acres
Spring Wheat	140,432	acres	Other Roots	2,834	cicres
All Wheat	223,930	ocres	Forage Crops	15,086	acres
Onts .	476,511	ocres	Sown Hay	49,307	acres
Barley	108, 173	ocres	Other Field Crops	10,019	acres
Rye .	7,143	ocreş	Total F e d Crops	916,100	acres
Flax	6,484	acres	Posture	,958,582	acres
Potatoes	13, 267	ocres	Summer Falsow (1905)	51,516	acres

The acrosse devoted to the production of patt in 1986 was more than one-half the ones devoted to all crops. The practice of summer-to lowing "chiefly as a means of till age and protect on against the effects of drought" had been adopted to some extent by this time.

80

of form products

In the early years of the new century, the full tide of settlement was upon Western Canada What took place in Alberta is indicated in the following summary

		3091		1911		1916
Population	no	185,412	,.	374,295		496,442
Number of Farms	no	30,286		60,559		67,977
Area in Farms	gc			17,357,333		23,062,767
Improved Land	gc			4,351,698		7,510,303
Area in Field Crops	oc	916,100		3,391,993		5,523,371
Ail Cattle	по	950,632		739,725		1,160,090
Milk Cows	no	101,245		237,368	*******	277,324
Sheep	no	154,266		133,592		294,690
Swine	no	114,623		237,511	********	603,554
Horses	no	226,534		407,153	******	629,462
Poultry New car employment to man perm'tted establishe	no especie y settlers As hon	stly rathroad sesteads were	"proved up".	loans - somet	nce by way	of part-time

beef Commission, suggest that the fore-most problem was one of finding markets for an increasing volume The first Great Way (1914-1918) relieved the situation and development apply proceeded rapidly. The area in field areas increased from 5.523, 371 in 1916 to 8.523, 587 in 1921. Some dry years and an aconomic recession beginning late in the year 1920 again sowed progress. In 1921, increased tarriffs or cattle exported to the Un ted States further crippled that industry. Before the middle of the decade, however, good crop years and world conditions conducive to exponsion returned. Improved tractors were made more labels and the number of forms increased from 11.311 in 1926 to 23.965 in 1931 In the five-year period most of the easily available farm lands remaining were brought into use. The orea in forms increased from 28,572,987 to 38,977,457 acres or 27 per cent, and the area improved.

1910 resulted in an extension of wheat graduction. Again volume of production increased fairer than markets became available. The quick growth of farmers arganizations, the Pork Commission, and the

from 13, 204, 114 to 17, 748, 518 ocres or 34 per cent Economic depression in the early thirt is aimost arrested the development of form restrictions. The number of persons using an forms increased about 7 per pert between 1931 and 1936 (non-form population increased 4 4 per cent) while the area in forms increased about 5 per cent. Form Income from the sale of five stock and five stock products increased in relation to income from field crops,

However, it was in this period that the adjustment of agriculture to Alberta's physical and climptic environment was pretty well completed. Those fortunate enough to locate in overage or better forming areas had generally worked out their adjustment problems without species assistance. Illingly sed settlement in regions marginas or submarginal in religion to the type of form organization adopted, precised gove problems. These became evident in recurring cycles of dry years with the government and municipals ties providing seed, feed and direct resief. But the problems were not temporary in nature and eventually led to debt mong toriums, assured resett-ament and the setting up of "special areas" in which further setting ment a controlled in some parts of the semi-or diagrap, the development of pricetion ended the settlers strugg e with drought

In the years preceding the outbreak of the Second Great War, conditions slowly improved Nearly 3 million cares were added to the oneo in occup ad forms between 1936 and 1941 and 1,7 mill on ocres of new land were improved. In this period, the change to power forming occe exited as illustrated in the failowing table showing machinery on faces in census years

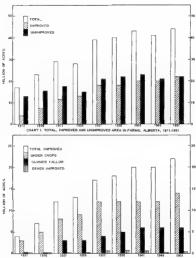
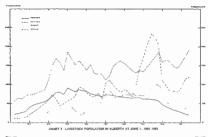
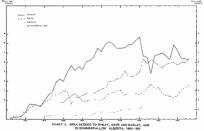


CHART 2. UTILIZATION OF IMPROVED LAND ON FARMS, ALBERTA, 1911 1951





	1931	1936	1941
Motor Trucks	 7,319	 7,656	 14,512
Tractors	 23,985	 24,922	 36,445
Grain Combines	 2,523	 2,909	 5, 165
Threshing Machines	 12,457	 12,539	 12,753

The I ve time proving also altered in the mondating per user great. Mill, care morbins had need the discussion being 40 68,199 the set of 1935, but supposed for cert to 20.0,20 or 1921. High monitorities; haven't being being also also also all other most announce among the monitorities; haven't being also also also also also all other most announce among the monitorities; and the set of the monitorities and the set of the desiration of the set of the desiration of the set of the set

The acreage revised to wheal in Alberta reached all\*\*-me peaks in 1939 and again in 1940 (6,379,000 and 8,567,000 acres respectively). Soldatchewon was also expending her wheat average at this 1 me and with murkets and 8 pings of student owing 1s the every, wheat surplesses, threatheraft by a out of hand. At the same time the demand for live stock products improved in both domestic and export morkets.

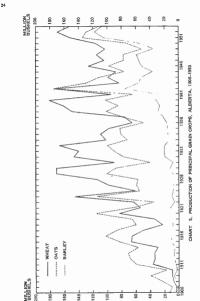
Under the crowniness. Demons generous working policy was diseased to reduce the product and when their answering the product and when their answering the product and when their answering the product and when their product is the product. Therefore, the disease of the product is the product in the product of the product is the product of the product of the product is the product of the product

by these monours the pattern of agriculture in Albastin was quickly changed to near vertices requirement for food to 1994, only 4, 287,000 occus mas seeded to when, 6 per cere of the cross seaded in 1946. The acresps seeded to outs increased 37 per cere on barley 101 per cert. A high reportion of the accesses ground product was used in the feefing first stack. A short of 2,981,740 Albastic hags were graded in 1944 capacid to 1,485,282 in 1940. The modulating of calls and covers of carried to 1,485,282 in 1940. The modulating of calls and covers of carried to 1,485,282 in 1940. The modulating of calls and covers of carried to 1,485,282 in 1940. The modulating of calls and covers of carried to 1,485,282 in 1940. The modulating of calls and covers of carried to 1,485,282 in 1940.

The response in the graduction of five stack products made possible some relexation in aprillar. The Whatel Acreage Relact on Act was not renewed in 1944 and the acreage seeded to wheel rose to 6,824,000 in 1945 whis the near on and snot being recreased. Describe fact forth the payment of Daman on government premium on quarity hogs was instituted early in 1944, hag production declined as prices of gramma enforced.

Fixe controls and subsety payments were gradually discontinued after the wer Decease, the price of wheet control of the situal-situal payments, and one-situal generations of accrite price ure? 1924 when the e-bodge agents shipment to the Un-fed Steller was whited Tecome from certific sales was extractedly buylly in 1920 and 1921, but its sustence countrol one syst become product or one to as in the United Steller on well or General. These years (191-1923) with abstraction to produce the the Control Steller on well or General. These years (191-1923) with abstraction between the United Steller on well or General. These years (191-1923) with abstraction the Control Steller on well or General Steller or Control Steller or the Control Steller or well or General Steller or the Control Steller or the Control

The properties of farm cash income derived from field cape and I ve stack respectively during the very years indicates the movement housed wire stack productions between dendards for grown in the immediate production produced productions and production of the prod



Live Stock

## Field Coops

		61.2		38.7
				45.5
				53.4
1946-50				45.4
				46.7
		63.2	** **** ********	36.2
	1941-45 1946-50	1941-45 1946-50		61.2     53.2       1941-45   42.2     1946-50   53.4

An outline of the development of Alberta's agricultural resources would not be complete without reference to the influence of technological improvements. The development of suitable crop varieties, cultural practices and cropping sequences (including summerfallowing) made possible the adjustment of old-world garroulture to the new. Knowledge of dry-land forming and irrupation opened the way to further advancement.

In general, the agricultural industry in this Province has been characterized by abundant land resources in relation to the number of people on forms, which resulted in a demand for additional form labour at seed time and horsest. The compared or of the "harvesting excursion" in Fasters County become on annual event. Partly as a consequence of an unbolanced labour situation forms have been mechanized as rapidly as available equipment and form linances have permitted. The big steam outlits of the early days were followed by the greatly modernized mobile power units of the twenties and the wide range of power equipment that became available after the Second Great War.

Lastly, the successful adjustment of agriculture in Alberta has been due in large measure to the occumulation of experiences in form reproperant, involving size of form, choice of enterprises. investment in machinery and live stock and so forth, as related to the conditions found in each of the soil-climatic zones of the province.





POPULATION - Arberto's population increased 26.4 per cent in the period 1931-1951, while the number of people on forms decreased 8.0 per cent.

Trace 4. — POPULATION AND NUMBE	R OF FARE	IS ALBER	TA, 1911-19	151	
POPULATION	1911	1921	1991	1941	1951
PER CENT INCREASE OVER PREVIOUS CENSUS-	374,295 412 6%	588,454 57 2%	731,605 24.3%	795, 169 8, 8%	939, 501 18, 0%
RURAL	137,662 236,633	222,904 365,550	278,508 453,097	306,586 489,583	449, 675 489, 826
PER GENT RURAL	63,2%	62, 1%	61,9%	61 5%	52,19
FARM POPULATION					
TOTAL,	·····		375,097	383, 964	345, 222
MALES FEMALES			211,416 163,681	211, 918 172, 045	
PER CENT ON FARMS			51,3%	48, 2%	36, 79
MINNED OF FADINGS	60 550	82 054	07 400	44 TH	** ***

MUP TO ARE INCLUDING INC. A PARK FOR PURPOSES OF TRECEIEUR WAS ALL THE LANG LOCATED INDUE MUNICIPALITY DIRECT. LY FARMED BY ONE PERSON. BUCK LAND TO BE OF ONE AGRE OR MORE IN DETERT AND HAVE PRODUCED ABBICULTURAL PRODUCE VALUED AT \$1500 OR MORE IN THE YEAR PREVIOUS TO THE CENSOS ON SE IN COOP OR PASTURE. IN 1811 A FARM WAS ALL THE SARS FARMED BY ONE PERSON INTERPRETIVE OF HUNDRIPAL BOUNDARIES AND (A) THREE ADDRESS OR MORE IN BIDE OR (B) IF ONE TO THACK ACRES IN SIZE NAVING PRODUCED ADDICATIONS, PRODUCE VALUED AT EXAM OR WORK IN USE OR AS IN CASE OF PARTURE N 1961

Total numbers increased 8.8 per cent from 1931 to 1941, showed 1'title change during the war but 'normound 17 per cart between 1946 and 1951. On the other hand, farm population garred and lost in the thirties, dropped a most 13 per cent during the war and gained moderately in the five-year period ending in 1951. The pattern of gopulation changes on a percentage basis is shown as follows:

PERCENTAGE CHANGES IN FARM AND NON-FARM POPULATIONS, 1931-1951

POPULATION	1931 = 100	1936 os % 1931	1941 os % 1936	1946 os % 1941	1951 as % 7946	1951 ca % 1931
FARM	100	106.7	95.9	87.4	102.9	92,0
NON-FARM	100	104,4	110.7	113.5	127.1	154,1
TOTAL	100	105.6	163.0	100.9	117.0	128.4

AGE OF FARM OPERATORS - The open of form operators were first reported by the census in 1921. In that year S0.2 per cent of all Alberta farmen were under the one of farty. In 1931 only 39.1 per cent were under forty and, in 1941, 34 1 per cent During and ofter the wor, however, the amounting of younger men on forms increased, as indicated by the fact that 35.5 and 36.9 per cent were under farly in 1946 and 1951 respectively. Close examination of the figures shows that both equal-tely and on a percentage basis the age groups below thirty-five gained exact while the number of formers fifty years and over decreased

NUMBER AND SIZE OF FARMS - Under free homestead laws, the number of form holdings in Alberta increased rapid y until all the Crown land read'ly available was accupied. According to census reports, there were 9,479 occupied forms in the province in 1901, 60,559 in 191) and 82,954 in 1921. In the early twenties an economic recession and low crop yields tended to bring about abandonment of sub-regging land and the consolidation of small ferming units with larger holdings and, by 1926, farm

numbers had decreased to 77, 130. However, bette: Han average crop years and economic factors favourable to exposition resulted in the enumeration of 97,408 forms in 1931.

TABLE S. - FARM OPERATORS ALBERTA CLASSIFIED BY ASK GROUPS, 1921-1951

								11	
		He.	π	No.	16	No.	15	No.	· · · s
ALL GOCUP	ED FARMS	82,954		97 408		99.732		N. 315	
OPERATORS	REPORTING	77,714	100. G	68,058	100, 0	30.750	100.0	86,044	E90. 6
1901h 20 20 gá	YEARS	4, 047	5.2	481 4 196	0.5	212 2.456	8.2	366 3 164	0. e 3. 9
25 - 29	YEARD	9,377	12 1	E.468	9, 6	7,172	7.9	7 341	6.0
30 - 34	YEARS	(2,350	18.9	5.605	11 2	9.953	10.6	9.622	11.4
35 - 39	YEARS	12 256	17 0	11,412	12.9	11,079	12 z	10,398	12.4
40 - 44 45 - 49	YEARS	19,525	25.1	25.165	28.6	21,426	23. 6	10, 652 10, 678	12.7 12.4
50 54 55 59	YEARS	11 176	15.3	17 214	19, 5	22 280	24 6	9. 324 6. 173	11.5 8,7
80 40 30 vente ant	YEARS	7 295	2.4	8,462 2,792	9. 6 3. 2	32, 479	13.7	11 636	11 9

Severe economic pressures and the adoption of methanical power on a wide scale influenced changes in the number and size of form during the filmest. The abendonvest of sub-marginal land or its consolination to favor integral rusts, we an investible consequence of the depressure. At the same time, a reduction of apportunity for non-frame amplityment resulted in the development of small haldings, in 1736, there were 100,330 accoupted forms in the Provinces.

			Torac		галы н	0.0965	,		ERTA	c	LASSPI	10 1	BY SIZE (	or	FARM 19	1990			
2150	OF FA	944			1911			,	1501				1501			1541			951
				Hu	4		,	ka.	5			10.	5		19		٠,	No.	%
ALC:	OCG» PE	CD FARMS		, 554	v36	D	w	154	90		94	434	1 10	A	99 2	92 ×	0. 0	94.51	100.0
,	4	ACHES		180	0.	,		zet		*		480		,	,	72	e. I	43	0,7
	19	ACHES		311				40°		,		923		٠	16	04	٠,	43	. 2
	53	ACRES.		304	-	5		915		7		301	L .	3		53		1.45	2
5	100	ACRES		507		5	٠	P4		5		254	1	ŧ	R *	13	2 1	1.42	1.7
.01	200	AGRES	34	+35	56.		35	278	42	5	39	уп	40	4	36.2	v :	16. 1	21 48	25.5
201	199	AURES	Γ				2	415				"98	1	4	3.9	er.	3 1	4,08	4,4
310	479	ACRES	ŀ			- 1					25,	180	- 45	2	25,4	96 E		21,61	20 3
460	619	Aceté									9.	.00			10,7	95	10, 1	10.28	12.2
640	555	AURES	24	024	31	7						. 34	. ,	•	9,4	34	9, 1	9.51	11.4
960	1210	AURES					42	764	91	5	г				3.3	22	3, 1	3.76	4,4
30	MERES	AND ONE	٠ ل								5	552	5.	7	3.6	83	1 1	5.00	6,0

From Specially square, on promptings operating to the reduce on the section for the activities do

In the mid-thirties, economic conditions improved sufficiently to permit further mechanization and, In turn, the enlargement of forms, In sorte of the fact that (until 1951) "for census purposes, a form was

all the and located in one municipality which was directly famed by one person conducting agricultural operations!" the number of forms one section or more in size increased as follows:

CENSUS YEAR

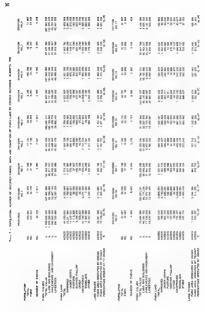
SIZE OF FARM IN ACRES 640-959	193T HUMBER 9, 154	1936 NUMBER 9, 184	1941 NU MBER 9, 484	1946 NUMBER 9, 491
960~1,279	) (	2, 671	3,322	3,380
1280 AND OVER	) 5,552 (	3, 147	3, 863	4, 169
TOTAL	14, 746	15, 202	16, 689	17,040

In 1931, changes were made in the definition of a farm for purposes of the concess. "When the farm was made so of exerced parts (continued in different managealistics, the 1931 Consex spected their complete form a core unt in the municipality in which the farm headquarter were located." The scale of farm operations reported on "marrowers" fears were also recent. The Conses Operated on "marrowers" fears were also recent. The Conses Operated on "marrowers" fears were also recently a fear in Alberta Develop of Statistics utilizations that one he basis of the 1931 definition there were \$73,000 fears in Alberta (1941 compared to 43,321 in 1931). This wealth createstic and excellent of 8,065 darks or down 7.5 per cent

On the basis of 79,200 farms, the average size of farms in 1941 was 464 occes, with 216 occes, improved. Companible Figures for 1951 were 527 and 264 acres respectively. The number of farms, area in forms, the average fice of farms and the acres improved per farm for 1951 by certas divisions for range.

CROP	NUMBER OF	AREA IN	AVERAGE SIZE	ACRES IMPROVED
DISTRICT	FARMS	FARMS	OF FARMS	PER FARM
		ACRES	ACRES	ACRES
1	2,913	4,230,046	1,452	603
2	3,884	2,713,293	698	350
3	2,441	2,920,338	1,196	323
Ä	3,547	2,786,428	785	527
15	2,495	4,222,625	1,458	470
6	6,965	4,201,595	603	387
7	5,055	3,803,781	752	369
8	9, 269	3, 839, 564	414	242
9	4,845	1,527,425	315	156
10	8,845	3,608,953	408	243
11	8,661	2,323,591	268	157
12	2, 175	688, 332	316	106
13	4.727	1,512,481	320	138
14	8,601	2,581,483	300	156
15	2,965	954,078	3.22	148
16	6,074	2,388,637	393	215
17	453	156, 982	346	207
TOTAL,	84,315	44,459,632	527	264

AREA, TENURE AND CONDITION OF OCCUPIED FARM LAND — The bulk of Alberta's homesteed lands were settled in the decode preceding the outherek of World Wer I. In 1910, 17, 187 homesteed entries were filled, and in 1918, 2, 163. The ones in occupied forms morecast from 17, 359, 331 occes in 1911 to 29,239, 332 in 1921. The Census of 1926 recorded 25,572,979 acres in farms, a slight does from the 1921 (Tages, Newwert, fiber still issented considerable sulvey, school lands, appendictly



holdings, etc., throughout the stittements. In the case twenties, conditions were favourable for agricultural suppasses and much of this land was absoluted into established forms through processor elease. The number of homested entires recessorable in this part of low, with 5,00° sentires in 1728 compared to 2,79% in 1972. The sense in occupied form was 20° entition contex in 1974 in increase of 35 per cent over receiving which is proceed to 1975.

31

Time 8. FARM AREA, TEMPLE CONSTITUTION OF OCCUPIED UND AND FARM VALUES.  ALBERTA, 1911 1981							
AREA AND TENURE	15.1	1901	121	1941	1991		
AREA IN PARKES AGRES	8 17 309-333	29 253, 653	38.977 457	45 277 295	44, 459, 552		
OCCUPIED MADLLY BY OWNER ACHS:		19, 981 533	20.616.698	18 51 628	18,045.051		
DOCUPTED WHOLLY BY TIDHANT ACRE	5	3 121 596	5.817.679	7 209,490	4, 456, 412		
PART CANSER PART TEMANT ACRES		5, 222, 1 1	11 736, 776	18 863, 869	20, 070, 304		
MANAGER ACRE	5	588, 639	606.310	1 052 279	1 999, 169		
TOTAL AREA OCCUPTED BY OWNER ACRE		23 758, 294	26, 979, 660	26 706 328	29, 101 589		
TOTAL AREA DOCUPLED BY TEMANT - ACRES	5 1,044 550	5, 554, 756	2 056, 854	15 570.967	15, 150, 043		
PERCENTAGE OCCUPIED BY OWNER &	86.25	# 05	69 1%	61 76	65.0%		
CONDITION OF PARIA LAND							
INTROVED LAND ACRE		13 765 642	2 748 516	20 125 220	22 271 544		
ANDER CROP ACMS	\$ 3.391 993	9, 523, 589	2 039 310	2 284 125	14 427, 431		
PASTURE TOTAL ACRES	5 .	157 462	524, 586	623.570	5 112, 825		
SUMMER PALLOW - ACRES	5 259.900	2 945 152	4 SAT 167	0.545.931	£ 194, 198		
OTHER IN PROVED ACRES		165. 634	637 A35	660, 559	559,412		
UNIMPROVED LAND ACRE	13 007 525	17 525 614	21 226,929	23 152 075	20 189 588		
WOODS AND ASSESSMENT ACRES	5 430 957	2 175, 251	5 492, 690	2 727 175	2 805 568		
OTHER ACRE	2 586, 779	15, 151 860	7 335, 259	20, 424, 760	19.323 604		
PARH VALUES							
TOTAL VALUE S	492, 625, 000	918, 437 618	889 47 355	7' 1 030 '96	1.769.616.297		
LAND AND BUILDINGS	285.402.952	222 29 500	67) 424,400	450 625 ADD	1 015 289 268		
IMPLEMENTS AND MACHINERY \$	24,009,556	58, 654, 513	F16 500, 600	116. 27 700	350,063,346		
PARALOGK B	83, 224 297	137, 333, 605	8+, 704, 750	884 065 896	384 323 669		
* HOT A	WAILABLE						



THRESHING A GENERATION AGO

bill, 80 per cert of a 1 fmm forc in Abratis was accopied by the sense. In 1721, however, or if if per cert or approximately, a 1721, 6 per cent, is 1921, 6 per cent, is 1921,

The grow of improved form land increased regularly both absolutely and in relation to the area in forest unit 19(3). From 19(3) until 19(4) for incide of increase was slow Batheau 19(4) and 19(3), however, about 2,25 million new cores were improved. Details of land acquisition and improvement are shown in the following tradement:

	AREA IN FARMS	AREA IMPROVED	PERCENT OF TOTAL IMPROVED
1911	17, 359, 333	4,351,698	25.1
1916	23,062,767	7,510,303	32,6
1921	29, 293, 053	11,768,042	40. 2
1926	28, 572, 987	13, 204, 114	46,2
1931	38, 977, 457	17, 748, 518	45.5
1936	40, 539, 934	18, 363, 363	45, 3
1941	43, 277, 295	20, 125, 220	46, 3
1946	41,451,454	20, 031, 655	48, 3
1951	44,459,632	22, 271, 044	50, 1

FARM YALUES — The values of occupred form lend, buildings, mechanizy and live stock base indem in a percenting table. While the occupration and development of farm resources have been roads, it should be east in mind that the flagues also reflect canopia is the value of money. Changas in mind the table of the property of the control of money changes in the property of the control of the property of the control of the contr

FARM	INVESTMENT	PER	ACRE	OF	OCCUPIED	LAND
		1911	1951			

	AND AND	1911	1921	1931	1941	1951	
	JILDINGS	\$ 22,20	\$ 25.00	\$ 17,23	\$ 11 34	\$ 22,84	
м	ACHINERY	1,38	3,37	2,98	2, 68	8,77	
L	WE STOCK	4,80	4,69	2,10	2.41	ff, 64	
T	OTAL,	28,38	33,06	22,31	16,43	40,25	

## FARM INVESTMENT PER ACRE OF IMPROVED LAND

LAND AN	ID.	1911	1921	1931	1941	1951	
BUILDING		\$ 88, 56	\$ 62,23	\$ 37, 83	\$ 24.39	\$ 45,59	
MACHINE	RY	5,52	8,40	6,55	5,77	17, 51	
LIVE ST	рск	19, 12	11,67	4,60	5,17	17,26	
TOTAL		113, 20	82,30	48,98	35, 33	80,36	

RELATIVE AMOUNTS OF CAPITAL INVESTED IN LAND AND BUILDINGS.
MACHINERY AND LIVE STOCK. 1911 TO 1851.

	1911	1921	1921	1901	1991
LAND AND		- PER CENT	OF TOTAL HAV	ESTMENT -	
BUILDINGS	78,2	75,6	77,2	00,0	56,7
MACHINERY	4.9	10, 2	13,4	16,3	21,8
LIMESTOCK	16,0	14,2	2,4	14,7	21, 5
TOTAL.	100,0	100, 6	100, 0	100,0	100,0

FARAMACUNGEY or Brown on source of proces on Alberts from how been displaced to a finge amount for extracting times. The contractions of the summer trajectories of the submitter paragraphs on the hearings made this integrancy of the trend energy from house proces. Entrees: 17th and 17th the number of various or Alberts force concerned from 11,111 to 25,126, again of 1.2 per cent. The accessors, algorithm belows a description of made hear to the hearings. The contraction of made hear to the hearings. The contraction of made and the contraction of the contract



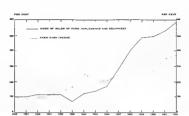
7-00	S. FARM HA	CHIMERY ON A	LBERTA FARM	5821-1951			
TTEM	192	1506	*301	P936	P941	1506	1951
YALVE OF PASH IS 4CHINESY AND EQUIPMENT. \$	58,8-4 513	8, 87.65	F*E.700 400	89 105 125	195 127 900	43. 379 800	190, 005, 313
ANTOHOBILES		29, 664	42 8 7	34. 224	44, 199	41.541	49 314
FARMS REPORTING . IN	b. •	27 429	41 625	23 292	49.472	40.932	44.13
TRACTORS 88		281	22 585	24 922	35. 645	46 703	79.073
FARVS REPORTING	2. 8 464	16, 225	21 996	32.947	24 456	45.2%	62, 166
MOTOR TRUCKS IN		1.42.	7,389	7 656	14.7.2	19.45	39 725
FARMS REPORTING IN		1 290	7 580	7 282	17 534	17 396	35, 792
GAROLINE ENGINES N			25,909	30, 943	31 991	26 525	45.003
FARMS REPORTING	b. e 755	19, 870	22 127	26 285	25. 59	R9 165	34 243
THRESPING MACHINES			12,457	12 539	12 753	1 931	4.70
FASIN'S REPORTING IN	2.		2 249	R2 de6	EE 649	12 860	14.866
GRAN GINGERS IN			72 457	3x 250		65 371	37 504
FARMS REPORTING LAW PRODUCT OF LAW NO.	b		41 000	65 524		59 453	53, 643
GRAN COMBINES of a common comm			2 503	2 996	9 165	0.001	26, 652
PARVS REPORTING NO	2.		2.461	2 294	4 913	Jul 846	15 509
ELECTRIC HOTERS no			1 987	1 804	2 190	T 900	26 525
FARPAS REPORTING NO	2 .		295	8 292	1 459	3.941	94. 635
			HOT BY MI. AND, I				

During the wor, tractor numbers increased by about one-third and the number of grain combines more than doubled. After the war, mathinery and equipment became provide and was purchased in greater quantities than ever before. Services 1946 and 1931 the number of hisclars on farms increased from 48,763 to 79,282 or 62 6 per cent, and in the same period, the number of combine-threshers in reasoed from 10,648 to 20,852. In 1931 there were 39,723 motor trucks on farms compared to only 18, 451 in 1946, Finally, the introduction of "high-line" rural electric power on a wide scale since the war has mechanized operations on the formstead and in the home. The number of farmers reporting the use of electric motors increased from 7,980 in 1946 to 10,835 in 1951. At December 31, 1953, 24,181 forms were wired to high line electric power while 2,655 more lines were 'n process of construction.

The following table shows the wholesale value of amplement and equipment sales in Alberta from 1938 to 1952:

THE VALUE OF FARM IMPLEMENT AND EQUIPMENT

		PER CENT OF	INDEX OF SALES	SALES OF
YEAR	AMOUNT	CANADA TOTAL	1938 = 100	REPAIR PARTS
	\$			\$
1938	9,143,567	25, 2	100	
1939	9,217,459	27, 1	101	
1940	10,549,851	22, 1	115	
1941	10,366,017	19,9	113	
1942	10,338,469	20,5	113	
1943	6, 357, 970	21,3	70	
1944	11, 117, 015	20,3	122	3,883,580
1945	12,832,109	20,0	140	4,378,660
1946	15,698,660	19, 2	172	4,821,057
1947	25,953,168	21, 2	284	5,615,266
1948	36,748,138	21,5	402	6,754,060
1949	44,459,129	20,5	486	6,724,015
1950	45, 117, 409	20,7	493	7,186,798
1951	48, 267, 092	20.5	528	6,820,867
1952	53, 505, 361	21.4	565	7, 378, 116



AMCONER 1908 - 1962. CHOCAT FORD

COMBINING IN SOUTHERN ALBERTA

ALBERTA GOVERNMENT PHOTOGRAPH

DATE FOR SPAIN

WHEAT

BARLEY

WHEAT

BANK EY

MIXED GRAIN

PALL RYE

SPECIES BYE

FLAX SEED

POTATOES

SUGAR REFES

CULTIVATED MAY

GRAIN CUT FOR HAY

OTHER FIELD CROPS

DATE FOR GRADA

MIKED GRAIN

6 423 199

2 854 005

3 469 775

50, 812 553, 217

105, 104 AQ7 492 206 464

244, 979 124 599 105 506 45 444 123, 200 365, 901

0.297 4 964 9 075 963

2.385

196 13, 160 1.421 \*\* 3.552 7 412 70 1.191 4 992

131 4,745 1 957

91 229

14 853 28, 064 12, 651 3.990 5.907

555 1 235

	PROVINCE	BIV SIDN NO. 1	DIVISION NO.2	DIVISION NO. 1	DEVISION NO. 1	Envision No.5	DIVISION NO. 6	DIVESTON No. 7					
	ALTER	scres	ACPER	ACRES	ACMER 1 098.357	AZREA	1 634 636	ACRES 116.237					
ALL F ELD CROPS	\$4:450-05s	997, 478	776.612	582 600		758, 930							

197 792 107.585 766, 536 550,247 867 475 596 235 424, 855

64 532 41 241 116, 201 65 913 229, 152

154

TABLE 10. -- AREA IN FIELD CROPS, BY CRISSIS DIVERSING ALBERTA, 1661

07 725 25 428 prytrice NO. 1

9.650

4 184

20, 655 177

I 116.337 1 517 000

2.353

OTHER PIELD CROPS	59-602	32 796	3, 894	491	2, 079	**	363	65	245	
								**	243	
POTATOES SMOAN DEETS	17 730 36 006	676 2 640	1 598 30.765	3. 153	961 7 604	264	863	15.	1 116	
BRAIN OUT FOR HAY	209.492	12.100	15 202	5. 658	22.770	14.30	54. 85	18 308	93 892	
CULTIVATED HAY	I 206 057	12, 234	43 768	47 \$25	20.975	#6,212	102 771	70.126	129 276	
PLAX 6000	195 394	9 051	12 238	22 160	4.420	5. 190	14.727	3.652	6 572	
SPRING RYE	98. 64	4, 601	964	5, 154	3, 124	24 252	2 357	26.199	3, 517	
FALL, RYE	145 903	3" 292	4 079	12.382	14, 654	6 900	34 464	19.239	6 317	

33.455 196, 132 E36,337 103,413

424 876 111 215 427

108, 825

601 3.666

5 700

101 004 321 198 12.150

54.694 154 153 5, 900

2 082 7 424

6,247 740 1 (011 20

109

6, 950 1 497 259

OTHER PHILD CROPS	59 402	32 799	8,894	191	2, 079	**	363	65
	NO. 9	MO. 10	NO. 16	BOY-SIDE BIO, 12 AURES	HO, 13	NO, M	HO. IS	NO. 16
ALL FRELD CHOPS	\$40,850	1 455,510	947 794	60 791	458, 528	566,320	336, 564	960.045

105 052

	ACRES		ACMES		ACHES	4	ACRES	*	ACPES	1
STAL AREA OF PIELD GROPS	3.278.165	106.0	8,523. 10	190.0	12,510,786	100,0	4.254.405	100.0	18, 850.056	HI0.
DEAT SA	679, 971	46.5	4 40 10	27.0	3,942,89	56,0	4.555.60	51.5	4, 425, 895	44.
YHEAT FALL DOWN	100,758		at 196		\$2,239		15.70		54 82	
ADIESA DOMEN					85,710		6, 50		46,530	
MONEYAL GALMED REGULER BESINE	U. 19K 188		12 653 967		5.804,216		6,633.963		6, 222 595	
MYS FOR GRAIN	5.205.2 7	16	c 565 167	19.7	2 495,696	79.7	2 696 963	79.3	2 854 886	
MAN, EY		4.9			710.470	3.4	1.529 046	12.9		51
ENES GRAPES	C 189	***	3.907		H.3D	-	58.496	-	ac 579	
ME ALL	15.692	-	M8.60	1.4	20 687		36 729		EH 197	
AVE SPEING SCHOOL					60,767		97 362		96.166	
LAK SEKE	100 225	64	19.467	-	90.000		19.619	1.1	75.254	
CORN GRETTED OS LOS OENS!	457		8,559				3.347		794	
NOWNER THE PERSONNELLE	604	10	162	-			166	**	50	
NAME (SAME)	490	-	619	**	499	-	5.003	***	7.440	
	- 72									
MY. CULTWATER "	70.301	5.9	207 369	6.6	196, 965	2.5	600 415	4.9	260,037	
INVESTIGATION NAME OF THE PARTY			108,700		380,384	3.8	258, 516	2.4	280,493	
DAN FOR ENEXAGE OR FOODER	790			-	5, 360	47	* 750	**	7 089	
OFATOES	0.860	,	24,000	-	36, 256	-48	31. 979	-	7 199	
THE PERSON NAMED IN THE PARTY.	766				1, 907		23,947	**	24,009	
THEX FIELD CROPS	10 619		# 170	-	5,997		9,464		29-118	

produced on a comparatively small scale.

FIELD CROPS — The above table shows the area devoted to field crops for census year 1911 to 1951, inclusive, The grea in crop increased rapidly until 1931 and relatively slowly through to 1951. Actual Increases were 8,659,029 and 2,372,660 acres for the first and second periods respectively.

From 1932 to 1951, Inclusive, on estimated 5.1 million acres of new breaking was done in Alberta while improved form land increased 4.5 million acres. It is presumed that the difference in these flaures = 600,000 agres represents once grable land that has been abandoned or reverted to natural pasture.

The use made of the 4.5 million acres added to the area improved between 1931 and 1951, in millions of agres with percentages in brackets, was as follows; field craps, 2.4 (53%); summer fallow, 1.6 (36%): Improved pasture, 0.6 (13%); and other, a reduction of 0.1 (2%).

For forty years, wheat has accupied a dominant position in Alberta's agricultural economy, According to the cersus 48.5 per cent of the grea in field crops was seeded to wheat in 1911, 66.0 per cent in 1931 and 44,6 per cent in 1951. The area seeded to wheat still exceeds the acreage devoted to

the production of all other grains. The relative importance of oats for grain gradually declined from 36.1 per cent of all field crops in 1911; to 20 5 per cent in 1931, and 19.8 per cent in 1951. Burley account accounted for only 4.9 per cent of the greg in crops in 1911 and 5.9 per cent in 1931, in 1951, however, borley placed second

to wheat on the basis of acreage seeded with 21.1 per cent of total crop acreage. Other grain crops are Cultivated hav and pasture cross have gained steadlly in relative importance in the last twenty

years.

Special cross such as sugar beets, vegetables for convent and freezing, mustard seed, forege crop seed, commercial potatoes, etc., are important in those areas in which they are produced. The development of specialty crop production is most marked in irrigation districts, the acreage in sugar beets alone Increased from 11, 937 in 1931 to 36,026 in 1951.

Alberta farmers sected a record 8,667,000 acres to wheat in 1940. However, the application of the Wheat Acreage Reduction Act (1941-43) and improved prices for live stock and live stock products, resulted in a reduction to 4.829,000 acres by 1943, the lowest since 1920, in the same period (1940-1943) the every searled to correct other than wheat increased from 4.008,000 norse to 6.648,000 norse.



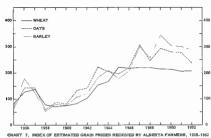


CHART 7, INDEX OF ESTIMATED GRAIN PRICES RECEIVED BY ALBERTA FARMERS, 1935–1935 (1935 – 1939 == 100)

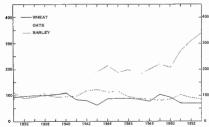


CHART B. INDEX OF ACREAGE SEEDED TO GRAINS IN ALBERTA, 1935 1963 (1935 - 1939 = 100)

The following table shows the areas seeded to principal araps for the years 1939 to 1953 inclusive.

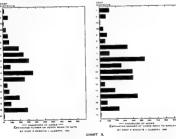
					SEEDED	
				OTHER	HAY AND	SUGAR
YEAR	WHEAT	OATS	BARLEY	GRAINS	PASTURE	BEETS
	ACRES	ACREA	ACRES	ACRES	ACRES	ACRES
1939	8, 379, 000	2,706,000	1,114,000	243,000	1,075,000	22,000
1940	8, 667, 000	2,645,000	1, 115, 000	248,000	1,111,000	24,000
1941	6,481,000	2,799,000	1,543,000	341,000	1,221,000	24,000
1942	6,370,000	3,284,000	1,925,000	471,000	1,330,000	28,000
1943	4, 829, 000	3,676,000	2, 239, 000	733,000	1,552,000	30,000
944	6, 738, 000	3, 192, 000	1,942,000	374,000	1,641,000	29,000
945	6, 824, 000	3, 335, 000	2, 048, 000	307,000	1, 679, 000	31,000
1946	6,983,000	2,754,000	1,783,000	301,000	1, 589, 000	30,000
947	6, 634, 000	2,534,000	2, 354, 000	601,000	1,727,000	30,000
1948	6, 259, 000	2,392,000	2,226,000	904,000	1,765,000	30,000
949	7, 900, 000	2,255,000	2, 118, 000	407,000	1,861,000	33,000
950	7, 251, 000	2,455,000	2, 534, 000	403,000	1,980,000	37,000
1951	7, 424, 000	2,854,000	3,041,000	500,000	2,319,000	33,000
1952	6, 404, 000	2,587,000	3, 336, 000	602,000	2,448,000	37,000
1953	6, 340, 000	2,357,000	3,489,000	689,000	2,480,000	35,000

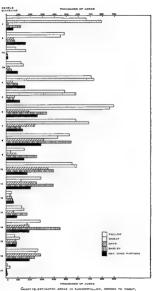
The Wheat Acreage Reduction Act was not renewed in 1944 and wheat plantings moved upward again, Comparative prices received by farmers for course grains relative to wheat (basis pre-war) and the additional apportunity of marketing the former of good prices forward live stock, increased the area seeded to coarse grains. The reaction to prices received by farmers for wheat, outs and barley in this period is shown on the graphs apposite. It will be noted that, on a percentage basis, both the price and the production of barley increased most.

The area seeded to various field craps is shown by crop districts and the percentage distribution of crops by districts is shown on the following tables. For example, 77.7 per cent of the seeded land in crop district I was devoted to wheat in 1951 and cruy 2.6 per cent to acts. An analysis of the table indicates the high degree of specialization in wheat in southern great. There is more diversification In the choice of grows in central and northern Alberta.

Y <sub>ANA</sub>	2 - 174	E 0157	TABLE	OH OF	PIGLO (	pope	M A PI	Dictor	NOE BA	S15, 8	Y CENS	US DIV	153045	- 4-81	MTA, 1	931		
							a reum	m muye	-									
	PROV NO		2	1	4	,	٠	,	1	,	н	11	12	13	14	15	15	17
ALL FIELD OROPS	100	100	100	100	100	100	100	100	ico	50	100	м	100	00	100	105	100	100
WHEAT	48.5	η,	64.0	64.3	71 9	\$5.4	51.6	53.6	26.1	2.4	49.4	15.9	15 0	35. 2	24.9	30 7	34 1	47 8
OATS FOR GRAIN	19.6	2.6	6.5	7.5	7.8	19.5	15.0	29 6	22.9	9,4	24.0	31.0	27 1	23, 2	25.7	30.1	33, 5	19.3
BNULEY	49.7	1.5	19,5	5,2	10,3	7.7	26,2	15, 1	34.8	49.1	82.3	35.5	28.9	26.5	37 1	17.4	10.0	,,
MISED GRAIN	y		6	4	2	2	4	3	* 2	6	3	9	4	7		2		
FALL RYS	1.2	5 5	5	3.4	5.4		2	,	4	5	7	2	*	2			1.1	,
SPRING AVE	7					3 0	£	2 3	3		9			5				-
PLAX SECO		,	1.6	- 6	4	2	9	3	5	6	5		2		3	1,5	2.5	4.4
CLETIVATED HAY	6.5	12	6.2	9.5	2.7	5.8	6.1	6.3	6.6	$\forall \vec{a}, \vec{p}$	4.0	16.5	21.1	13.9	1.9	19,2	45,0	15.6
GRAIN OUT FOR HAY	1.9	12	2.0		2.1	* =	12	1.7	2.3	2.6	1.8	3.3	2.5	5.7	1.2	4		1.5
POTATOES	4					-			2			3	3	2	- 1			
SUCAR DECTS	3	2	2.7		2													
OTHER FIELD ORDES		,		۰	ŧ								3	*				







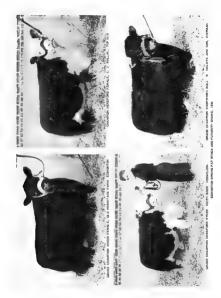
BARLEY, DATE AND TAME RAY AND PASTURE - ALBERTA, (9)

However, bartey would appear to be the most important single crop in west central regions while oots ratks close to wheat in the Peace River country.

Year 1 12. FORCEDYTAGE OF TOTAL AND PRINCIPAL FIELD CROPS GROWN IN EACH CENSUS SILVESON. ALBERTA. HIS

	PROVIN	1 20	2	,	4	5	6	*		9	10	111	62	+3	54	15	15	(7
ALL PIELD CROPS	100	5, 9	5.4	3.5	2.6	8.5	** 6	77	19,5	3. 0	0.7	6.9	1.5	3.3	6.9	33	6.7	5
UNEAT	860	12	7.7		11.8	8.3	15.5	8.3	6,6		9.4	11	1	2 4	3 4		5.1	
DATS FOR GRAIN	100	,	2.3	1.4	2.9	3.6	6.0	9.2	12.5	3 7	4.5	10.7	12	3.6	1.6	3.5	11.3	
BAALEY	100	2.0	2.2	1.4	3,6	2.0	14.8	3.7	$\S \mathbb{R}_{>d}$	6.0	4.7	42.8	1.5	d.	12.0	1.5	3.3	1
FTEED GRAIN	190	2	5.1	8.5	+ 6		8.3	4.1	29.6	19.4	6.0	11.5		9, 1	2.7		13	
FYLL RYI	100	16.0	2. 2	9.4	7.9	3.7	15.4	10.9	91	1.3	1.7	3		1	3.0		11.5	
SPRING RYC	109	6.7		5 6	12	24.7	2.4	26.7	3 6	2	13.4	5		2 4	7.6		2	
FLAX SEED	100	6,7	1.0	7.0	0.7	4.6	10, 9	2 "	4.7	7	1.0		3	5.	2.4	2.7	H# G	3 1
CULTIVATED HAY	109		6.1	4, 0	2.2	1.9	8.5	3.6	16.7	7.6	4.9	8,6	2.0	5.1	9.7	5 4	2.9	
<b>GRADIN CUT FOR HAX</b>	160	4.5	5.4	- 4	*	3.	19.3	6,5	2.1	5.7	5.7			2.1	3.7			3
POTATOES	106	> 1	9, 6	12 8	3.2	5	5, 0	2.6	6.9	3 ,	7.0	18.2	2.7	4.9	2.5	1.8	7.6	-
BUGAR OCCTS	90	53 *	57.6		29, 9					-	*			-			-	-
OTHER FIELD DIGPS	109	64.7	12.2	1,7	4.2		Y			4			*	3	3	2		

The production of other field cops is confined almost entirely to the south, where sugar beets, vegetables for processing—coming and freezing—exated seed, etc., one grown. The bulk of commer-cial pottor production is concentrated in district 11 (Edmonton), district 3 (Brooks), and district 12 (Edmonton), district 3 (Brooks), and district 12 (Edmonton).



## LIVESTOCK

44

Genso

Other

The Investock industry, particularly catt a raising, was important in the early development of Alberta's agricu tura resources. However, the rapid acquisit on of land under the Homestead Act after 1905 - there were 71,708 homestead entries filed from 1909 to 1913 inclusive - reduced the area devoted to renching and increased the production of grain as a cash crop. As a result the relative importance of Tyestock in the form economy was reduced

TABLE 14	LT	VESTOCK AN	D POULTRY ON	FARMS - ALBE	RTA, 1911-195	1
	Unit	1911	1921	1931	1941	1951
TOTAL VALUE	\$	83,221,385	136,869,920	81,555,175	103,852,467	383,816,387
Horses						
Value	\$	56,439,741	75,615,318	33,676,214	30,393,260	11,546,089
Number	No	407,153	806,244	731,739	649,216	261,133
Farms reporting Per Cent all farms	No %	:	72,992 87.99	79,284 81.39	81,363 81,58	60,766 72.07
Cottle						
Value	\$	22,670,886	51,601,744	34,942,968	51,824,675	316,297,574
Number	No.	739,725	1,383,552	1,124,615	1,342,130	1,563,019
Forms reporting Per Cant all farms	No.	:	:	:	79,918	66,971 79 43
Ser ne						
Value	5	1,995,421	4,281,041	6,197,528	14,795,618	36,746,052
Number	No.	237,511	423,258	1,052,128	1,705,528	930,714
Forms reporting Per Cent all forms	No.	:	41,029 49 46	54,512 55 96	69,554 69.74	49,660 58.90
Sheep						
Value	5	758, 154	2,673,664	3,818,508	3,936,455	9,062,945
Number	No.	133, 592	431,464	785,929	674,918	330,503
Farms reporting	No		4,110	6,784	8,742	5,327
Per Cent all forms	%		4.95	6.96	8 77	8,32
Pou try						
Value	\$	1,357,183	2,690,153	2,919,957	2,902,459	10,163,727
Hens and Chickens	No.	2,347,433	4,921,870	7,529,924	7,953,306	8,347,509
Turkeys Ducks	No	67, 151 18, 880	177,253 35,749	550,337 84,844	655,991 95,340	395,376

41,430 \* Not ava lable

93,958 116, 120 64,716

2, 123

Inadequate marketing facilities, price instability, etc., contributed to the dissatisfaction of live-stock producers in this period. The following excerpts taken from the "Report of the Beef Commission, 1907" indicate the situation

> We have made an exhaustive investigation of the meat industry in Alberta, and we find that there is a universal complaint that it is not on a paving basis. There is a general feeling of dissolutions, partially due to the fact that there has been such a heavy mortality on arge ranges during the past winter, also because the free range is being curtailed and primerily because the rancher and producer are not receiving sufficient remuneration for their lobour and investment,

We find that the sheep industry in this province is on the decline.

We found an obsolute dissatisfaction amongst the producers of park, due to a lack of coefidence in the market. There have been times when the prices have been high, sufficiently so to encourage farmers engaging extensively in the industry, and when a large number of hoos come on the market, the price dropped to a Route below the cost of production. This condition of affairs has been repeated several times in the past decode, so that at the present time the farmers, while analous to engage in the business, will not venture because of the uncertainty of the market.

A surplus of l'ivestock in relation to the available montet for mosts continued to be a recurring problem until offer the outbreach of World Wor 1. There then followed any years of expension and proppetity in the livestock industry. Late in 1920, however, prices declined sharply and in the following veer drustic channess in the Univer States tentifier occurité insportation sarious/ decreased the Industry.

In the next ten years, Alberte's cottle and sheep popularioss were reduced. However, the number of when an farm gained storply up to 1923 and the British Empres Trace Appearement of 1932 gave further imparts to the industry. Beef producers benefited similarly in 1936 when import duties were reduced on settential quotage of cottle entarion the United Stutes from Contract.

The war increased the demands made on Conodo for various livestock products and government agricultural policy was directed howard increasing supply. The program included price cellings, compensating ubsidies, direct hor-set, the control of exports, rationing, etc.

The solidy payment program was the most important method used to facilities the desired shift in production. The program was designed to encourage genete feed production fainted the Wheth Acropa Reduction Act) and to reduce the price of feed such said by invested; produces; Borwast and exteriors were part to increase the production of word, and the hope, again and cheeper for expect a subject to the contract of delity products were calculated to encourage production, correct price irrequalities and to take prices to comment under contract.

The overall result of wartime policies was to increase the number and improve the quality of livestock on forms. Cattle and sheep finishing operations were expanded with the result that slaughter grades improved.

The number of cattle and calves on fears increased at the rate of about ten pic cent of year between 1942 on 1915 Cattle sales increased setally furthers) 1942 on e1 1945 Cattle sales increased setally furthers) 1943 and 1 1944 cand 1945, 4th the same time can't motarting dropped shough; inclinating the practice of motarting above the properties of the

Alterni's these and leath position resolved a peak of 1,022,000 head in 1944 to load all provinces in number and weal productive. The Contractant Process and the peak of the 1943 to 1946 includes and heavy allowests of uses to the United Kingdow at steady prices were ser in 1943 to 1946 includes and heavy allowests of uses to the United Kingdow at steady prices were ser in 1945 to 1946 includes and the 1946 includes and the 1946 includes and the 1946 includes and 1946 include

Steady progress was made in the development of the swine Industry in Alberto during the thirties. The British Empire Trade Agreements coincided with relatively low praces received by farmen for grain. A fovourable burkey-hop ratio (25 as El Edmanton for the period 1975-59) resulted, and was largely every sporsable for greater swine production. In 1939, Alberto stood second among the provinces of Canada as a write nanduries.

During the wor the supplies of bocon British normally secured from Continental European countries were out off and Concilion Foreness were ungest to further moreous purportation for shipmant to the United Kingdom. With gir's supplies plentiful on Alberta forms and prices relatively low compared to hop prices, Alberta forms:

In 1944 hag marketings were more than these times those for 1939, and for the years 1942 to 1945 includive this Province was the leading pig producer in Canada. After the war, however, indeed declined and, in 1949, hag marketings seek below the 1939 leve. The swing back into hags which still appears to be in progress (summer 1954) illustrates the fact that to a considerable extent the industry still appears to the interest that the fact that to a considerable extent the industry still appears to be in progress (summer 1954) illustrates the fact that to a considerable extent the industry still appears to be in the progress (summer 1954) illustrates the fact that to a considerable extent the industry still appears to be in the progress (summer 1954) illustrates the fact that to a considerable extent the industry still appears to be in the progress of this progress of the progress of

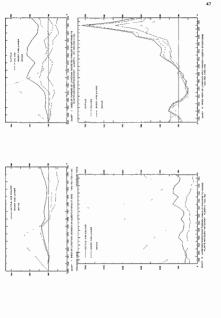
The following table shows the number of cattle, sheep, swine and poultry on farms at June 1st for the years 1939 to 1953 inclusive.

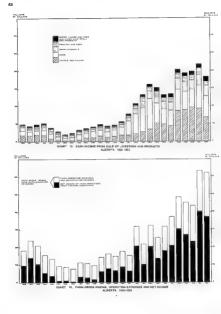
TABLE 15. - NUMBER OF CATTLE AND CALVÉS, SHEEP AND LAMBS, SWINE, AND POULTRY ON FARMS ALBERTA, AS AT JUNE 1, 1839-1953

Year	All Cattle and Calves	Sheep and Lambs	Swine	All Poultry
1939	1,337,400	718,900	1,024,900	7,800,100
1940	1,365,900	724,800	1,414,600	7,778,800
1941	1,344,950	674,900	1,705,600	8,820,700
1942	1,469,000	828,000	2,093,000	9,547,300
1943	1,627,000	900,000	2,337,700	9,987,700
1944	1,742,800	1,023,200	2,278,900	11,587,600
1945	1.860,200	974,900	1,469,300	10,551,800
1946	1,598,400	666,800	939,600	9,793,200
1947	1,654,000	613,800	964,100	10,916,000
1948	1.584.300	448,600	833,900	10,400,200
1949	1,465,000	441,800	847, 100	10,439,000
1950	1,442,900	414,500	809,700	9,447,000
1951	1,563,000	330,500	930,700	8,870,000
1952	1,754,000	387,000	1,170,000	9,235,000
1953	1,910,000	432,000	1,180,000	8,979,000

The number and estimated value of cattle, calves, sheep and lambs, and swine marketed through public stockyards to packing plants and direct on export for the years 1939 to 1953 are shown in the following table.

following tabl		TINGS OF CATTLE, CA	LVES. SHEEP AND LA	MBS.
		LBERTA, CALENDAR Y		iniarer,
		offic		Ives
Year	Number	Value \$	Number	Value \$
1939	248,748	10,696,000	113,139	1,748,00
1940	257,823	12,595,000	103,739	1,748,00
1941	292,083	17,248,000	95,286	1,963,00
1942	281,278	21,175,000	92,579	2,505,00
1943	296, 251	25,729,000	74,502	2,192,00
1944	384,257	32,785,000	87,888	2,316,00
1945	534,815	45,700,000	118,923	3,205,00
1946	494, 137	46,968,000	100,513	2,960,00
1947	423, 154	44, 220, 000	87,185	1,964,00
1948	531,988	77,298,000	119,240	5,597,00
1949	526,958	79,650,000	126,089	6,506,00
1950	470,354	92, 458, 000	137,721	12,000,00
1951	393,870	102,007,000	95,404	11,321,00
1952	382,637	71,116,000	84,332	6,506,00
1953	471,634	67,020,000	113,676	6,322,00
	Sheep	and Lambs		rine
Year	Number	Value \$	Number	Value
1939	223,791	1,354,000	979,898	16,609,00
1940	192,681	1,320,000	1,485,382	23, 320, 00
1941	213,832	1,657,000	1,947,053	36,965,00
1942	207,035	1,830,000	2,182,342	49,517,00
1943	210,654	1,805,000	2,392,384	60,767,00
1944	303,124	2,486,000	2,981,940	75,145,00
1945	328,954	2,938,000	1,946,114	49,043,00
1946	299,564	3,070,000	1,250,602	34, 143, 00
1947	289, 183	3,123,000	1,105,222	35,533,00
1948	215,732	3,298,000	1,165,453	51,338,00
1949	172,312	3,014,000	924,717	43,887,00
1950	168,177	3,745,000	960,608	42,305,00
1951	96,294	2,674,000	957,773	49,411,00
1952	133,086	2,432,000	1,362,142	52,674,00
1952	112,523	1,834,000	1,432,438	66,659,00





In conclusion it might be parinted out that Alberta ranks first among the provinces of Canada in the varying of live stock produced in excess of her own requirements, it follows that Alberta ranchers and formers are particularly interested in the development of dependable markets for live stock and live stock products.

Prior to World War 2, the United Kingdom was Canada's principal market for surplus hag products while excess cattle were marketed in the United States. During the war, however, Congdo contracted

to export large quantities of bacon and beef to the United Kingdom under agreements which were renewed annually until about mid-1948. At the same time (late 1942 to August 1948) on embargo was placed on the shapment of live stock to the United States and surplus bacon and means were accumulated under direction of a Ment Board (constituted under the Wor Measures Act) to SII the contracts entered Into with Britain.

The ambargo on the export of live stock to the United States was removed in 1948 and, within a short time, the bulk of Canada's surpluses of all live stock and meats were moving to that country. This movement has continued to the present time although interrupted for a year following an outbreak of foot and mouth disease in Saskatchewan in 1952

Alberta producers presently recognize the importance of continuing trade in live stock with the United States. Of equal importance, however, is the possibility of further increases in Canada's popur lation and the maintenance of favourable economic conditions. The Canadian population increased by more than 2 million souls (about 22 per cent) between 1941 and 1951. The effect of high employment is indicated by the fact that in 1953 the estimated consumption of all meats in Canada was 140.1 pounds



TANDOMANNI HEAD

About not never years one or courts have been such district about all the region of positive yearboard in Abbett count from sulf hare flocks. Egge and positive new term restricted instance and cosh notions and "focome in kind" on pioneer ferras. Production was predictionably sectional, however, with this flouk of egge corrupt in the group data suppless sew going loss at source. Moreover, the quality offered was therequestry vicerativit Under the circumstance prices were usually low. Only the use of uspect formly below most in parallel to procure for him audits. Such a huncation was not conductive to the development of

A forms became more securely established and higher educational standards notuced the amount of "free" form labour available, he production of eggs and positive meet for sale was pleaded on a business bails and, by 1939, large-incele production in the loands of specialists was not uncommon. To sneet wern time requirements for eggs the poolity enterprise sepanded on many forms and the number of specialists.

In the period 1941 to 1949 Inclusive, the government of the United Kingdom contracted annually to purchase substantial quantities of Canadian eggs in various forms - shall, powdered, and forsen - at agreed prices. Moreover, poulty meet was not included in the weartine prices and production control, that applied to red meats. The situation provided a solid basis for modernization and expansion in the soultry instants.

During the war hag raising and dainying competed strongly for a short supply of "chore" labour on farms. This alone tended to place the production of poultry products for sale on a business basis and made

tains. In a case remote to place are procedural to possing products on sea on a contest case and more possible the extendition of positive prasung as a full-films enterprise.

Egg production on forms increased from 28, 158, 000 dozen in 1941 to 36, 685, 000 dozen in 1953. The estimated via use of eggs produced in 1953, was about three and over-third films greater than in 1941 or \$14,512,000 companies to \$4,345,000, in this extension period the quantity of Intelligentity metal produced.

increased from hirly to forty million pounds.

Artificial includation on league value aliminated the immunous map and washful practice of hotelding again of immunous maps and washful practice of hotelding again forms. The purchase of dey-old choicks resolved in the general improvement of poultry stock, Far example, preduction per name increased from 100 gaps or year 174 to 170 in 1933, the result of improved breefing and management practices. The little new composition of flucks could now be provided and production are to the composition of flucks could now be provided and production seen, the reposition of global country values and to flow.

These developments were reflected in the quality of poultry products offered for market.

The nurber of poultry on form according to the census of 1951 is shown on the accompanying grow. The density of poultry morber or elegant to center to population is noticeable. The greater number of longs lifecks of demants found 1928 of were in the technicity, Codigary, and Exemotion ones. The populations of their popular in several politics in several to see all the several elements of the center of the

Table 17 FARM PRODUCTION AND VALUE OF POULTRY MEAT, ALBERTA, 1941-1953

Y = A.F. 1941	FOWL AND CHICKEN	QUANTS TURKEYS ~THOUSANDS O	DUCKS AND GEESE PROUNDS -	TOTAL POULTRY MEAT 30,000	Form, AND CHICKEN	VAL TURKEYS THOUSANDS OF	DUCKE AND GEESE DOLLARS -	POULTRY MEAT 5,030
1946	24,606	6,081 7,878	1,175	31,862 35,709	5,480	2,095	263 216	7,858 8,402
1948 1949	22,468 24,285	5,937 8,862	997 1,328	29,402 34,475	5,847 6,382 5,366	2,843 3,141 3,089	318 455 407	9,008 9,978 8,862
1950 1951 1952	21,501 26,075 28,234	7,084 7,080 9,052	1,092 1,457 1,837	29,677 34,612 39,123	9,908	3,398	520 574	13,826 13,581
1953	27,677	10,476	1,798	39,951	LIBRARY	4,368	VERSITY	14,082
						W MERCHIA		

51

TABLE 18. - FARM EGG PRODUCTION AND VALUE, ALBERTA, 1926-1953 VALUE YEAR

26,510,014

28,479,000

24.0

10.4

76

73

49

34

51

22

3,067

2,744

2,486

3,440

2,727

3,121

3,143

2.817

2,535

3,474

2,778

3,143

6,842,400

2,963,800

78

100

52

1926

1931

4,386,156

3,395,000

9,314

7,576

16,810

1948 11,355

1949

1950

1951 10,724

1952 0.222

1953

356

478

294

501

560

559

1936	2,75	7,000	100	22,975,000	13.0	2,987,000
1941	3,21	8,000	105	28, 158, 990	15.5	4,364,000
1946	3,1	33,000	128	33,056,000	31.2	10,313,000
1950	3,0	29,000	133	32,652,000	9.18	10,405,000
1951	2,8	42,000	143	33,652,000	43.7	14,699,000
1952	2,5	44,000	162	34,113,000	33 9	11,560,000
1953	2,6	01,000	170	36,685,000	39.6	14,512,000
		* AVERAGE OF	F ESTIMATED HUMB	ERS FOR EACH MONTH,		
	TABLE			GGS, ALBERTA, 19-	¢1-1953	
YEAR	For Consumption	Solo OFF	FOTAL	CONSUMPTION	USED ON FARE FOR HATCHING	TOTAL
1941		- QUARTIT	17,658	ANDS OF POREH	-	10,500
1946	24,477	600	25,077	7,465	305	7,770
1947	27,448	1,040	28,488	8,967	263	9,230
1948	28,796	626	29,422	7,859	167	8,026
1949	25,701	724	26,425	7,688	146	7,834
1950	23,919	573	24,492	6,028	123	8,151
1951	24,503	796	25,299	7,905	64	7,969
1952	24,685	949	25,634	8,363	116	8,479
1953	27,654	904	28,558	8,083	44	8,127
1941		- VALUES	2,737	S OF BOLLARS	-	1,628
1946	7,518	281	7,799	2,326	115	2,441
1947	8,405	536	8,941	2,658	103	2,761

11,711

9,792

7,870

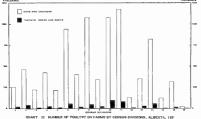
11,225

8,782

11,369

POLITRY CENSUS ACCORDING TO FARMS REPORTING AND NUMBERS KEPT, ALBERTA, 1951

Number of Four! Per Form	Forms Reporting Chickens	Ferrs Reporting Hers and Pullets	Faxes Reporting Cooks and Cookseels	Farm Reporting Turkeys	Forms Reporting Goese	Forms Report Durcks
	No.	No.	No.	No	No.	No.
None -	24,100	29,439	64,313	72,843	77,481	80,355
1 - 7	1,342	2,776	7,574	4,212	6,316	3,351
8 - 17	4,357	9,479	635	2,460	( 0,310	3,331
18 - 47	11,336	25,770	2,840	2,723	460	517
48 ~ 77	0,629	10,382	3,783	822	Ç	44
78 - 122	9,651	3,696	2,700	789		(
123 - 177	9,627	1,463	1,255	231	į.	(
178 = 272	0,739	600	803	179	58	{
273 - 527	5,280	396	309	99		48
528 - 972	943	91	70	56		Ę.
973 - 2027	241	(		21		(
2028 - 4	70	23	33	21		(
Forms reporting each class of poultry:	60,215	54,875	20,002	11,472	6,834	3,960
Per cent of Seres reporting	71,4	65,1	23 7	13.6	8,1	4.7



According to the carross there were 416 colories of beas in A berte in 1911 and 227 colories in 1921. However, since dury galaries are generaled by persons not cassed as Enemer, the centure invariant Plan for 1921 at least since 1 fikely to be complete. In 1924 it was estimated that 150 beeksepen produced 55,000 accorded of harms. The careath below these reconsists of the industry since that their

The number of beakeapers in the Province increased sharply in the mid-thirties and during the war After the direction of super lates in 1974, most of the base opinions exhibiting during the war were disserted to the super latest the super la

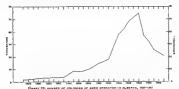
doubled.

For many years, the practice of apliculture was confined surgery to prigated areas in the booth.

New o large proportion of the honey crop is produced on gray-secoded sout (see the soils map of the berginning of the Agriculture specified) which are suitable for the production of alliation and cover seeds.

The bees power more versuched would permit or considerable expension of the industry in all large.

The arganization of honey makering has been approved an assemit years. The introduction of honey prading and inspection and improved pockaging has aided sales promotion and resulted in a wider distribution of swallest. The result has been createst raise in the risk demond for honey.





TANKS 21 — NUMBERS OF BECKEEPERS AND COLONIES, PRODUCTION OF HONEY AND VALUES OF HONEY AND BEESWAX PRODUCED IN ALBERTA. 1924 1943

				HONEY			
			PRODUCTION	TOTAL	PRICE PER	TOTAL	VALUE OF HONEY
YEAR	BEEKEEPERS	COLONIES	PER HIVE	PRODUCTION	POUND	VALUE	AND WAX
	NO.	NO.	1.8.	7000 LB.	9	2,000	2,000
1904	160			55	28	14	14
1925	140	2,040	16	215	20	23	24
1926	150	2,560	84	215	17	37	38
1927	200	3,490	87	300	20	60	63
1928	200	4,190	81	336	20	67	70
1929	150	4,560	114	522	15	78	82
1910	170	4,450	222	990	10	99	104
1981	190	5,500	166	965	10	92	96
1932	320	5,700	96	550	8	44	46
1933	320	3,800	172	1,000	9	90	94
1984	1,010	9,390	E60	1,500	30	150	155
1956	F,000	13,060	84	1,100	9	99	104
1936	1,130	12, 100	152	1,600	9	166	174
1937	1,240	13,730	157	2,160		162	171
1938	1,050	15, 230	159	2,418	7	169	178
1939	1,390	18,000	121	2,170		176	184
1940	2,200	22, 600	107	2 222	21	244	253
1941	2,400	24, 800	130	3. 120	12	374	390
1942	3,820	27,500	91	2,500	14	362	378
1943	7,500	42,800	10	3,800	14	551	574
1944	9,100	57,000	90	5,130	15	770	805
1945	10,000	63, 000	95	6,000	15	900	941
1946	11,000	72.000	55	6, 192	16	591	1 030
1947	9,590	77, 600	84	6,507	28	1,386	1,387
1948	6,600	62, 200	626	10,254	12	1,230	1 293
1949	4,800	55,000	106	5,600	10	563	614
1920	4 130	49,000	99	4 850	13	631	655
1951	2,126	38,100	116	4,500	12	540	569
1952	2,010	34,600	142	4,900	12	588	618
1933	1,500	31, 100	124	1,856	14	540	563
* BATA H	DT AVAILABLE						



#### FUR FARMING

The first comprehensive statistical review of fur-farming in Canada was undertaken in 1920 by the Committee Burgau, of Statistics. This survey recorded 306 faxes on 14 for farms in Alberta.

The development of fur-forming in this province was rapid after 1920. In 1924, 65 fox forms were

The development of turniuming in this province was sport other 1920. In 1924, 65 lox forms were recorded and, for the first time, mink-rus sing (on two forms) was reported.

Fur florwing provides row materials to be used in the production of luxury criticias in which ladies'.

feations play a praminant part. The market for furs, therefore, is sensitive to economic conditions and to changes in fastion, to which the production of row furs must be adjusted.

The popularity of fax furs resulted in the development of ranch fur production in Alberta. In 1928, 240 farmers reported foxes and the number no

240 formers reported fowes and the rumber consecution 25 in 1938 bit formers in glock comments of control of a change in fashound as the four control of formers. The number of Leanage for the control of the control o

ranchers dropped rap dly until in 1953 only 40 were registered, the lowest since 1923 Mink farming gained popularity rapid-

by sufficient of 1970, or peek of 1970 shareforming. In 1970, or peek of 1970 shareforming in 1970, or peek of 1970 shareever, was swelled by a number of permine hobbysist and owners won boarded their stock principally on a share basis. Good apportunaties of steady employment and increasing costs of production however, reduced the number of part-time and nameactive for formas. In 1973, there were 780 licensed mink formers in the province

Economic conditions since the wer also affected the operations of bone-if de anule ranches. Furchations in prices paid for row furs and riging feed costs quickly eliminaried agriginal producers. Large efficient operations were better able to cope with the production bazards of weather and diseases, and to control

ands of weather and disease, and to control about and feed costs. In other words, efficient producers have taken advantage of large scale production methods to effect economies and to expand operations.

			nn r 22 5 <sub>1</sub> 8			197-36 10				
Year .	Products.	Anna	or Francisco	Acres	A Pauro	Lare faces	na Ecraence	Young Period	Bure	one Stock
10 Rus 21	No.	No.	S	No.	V-sam	No	Trians 5	Seco	No	5
927-24	845	48.221	915,295	32.752	\$17,690		_			_
136-27	1 060	BS 537	943.407	33 124	534,400					-
120-43	273	47 000	975 000	30,000	410,000	-	_			
PNO+4	1,199	+8,000	999,000	32,600	516,600	_	_	_	_	_
HN1~12	1,185	123,400	1,573,040	67,100	1,142,000	~	~	***		-
1942-43	1, 46	155, 653	2,015,030	192,242	,422 100	_	_	_	25,431	824,750
Fig. no	1.0%	129,79	3 242 50+	61,734	479,900	_	_	_	14.667	248, 432
164:45	1 229	136 625	4. 52 592	76.243	1 836.534	641	7 075	,966 009	20 767	2, 35.822
1945-46	1,274	167,552	5,099,950	96,147	2,250,600	387	21,519	2.233,510	27,017	2,489,400
1946-47	558	254 667	5, 25a, 900	141 717	2, 72 980	1.480	29,255	2,221,789	9" 370	2 976.400
1947~42	1,411	290, 623	5,779,000	294,257	2,532 000	1,279	52,500	2,584,500	83,676	2.121.600
1945-47	437	244, 568	4,313,000	162,543	-840, 100	429	27 400	847 500	81 097	724,000
1949-50	1,156	201 671	3,942,900	108,527	1,941,200	-05	29,300	,973,500	62,447	443.800
1950-1	> 024	110, 151	4.4 5 900	120 464	2 752,000	501	76,000	2 126,000	57,004	374.290
P#51-dz	973	227,529	4,256,900	182,232	2,725,500	1, 12	109,455	2.036,000	76, 85	2 096,600
67-1244	862	232 425	3,829 980	162.3a6 * Alberta Dec	2 582 400 moreous of Across	10	49 969	2 a51 400	68.762	695.705

Owing mainly to expansion in the development of agricultural resources, milk cow numbers in Alberta increased from 153, 800 in 1998 to 249, 000 in 1916 and 376, 400 in 1926. Then, largely as a result of economic depression, the cow population advanced to 442,500 in 1936 followed by a decline to 326, 200 in 1946 and 289,000 in 1953. The reductions noted were due to a drop in the number of forms operated, increased production per cow and to a peneral improvement in farmers economic position

The commercial phase of darrying in Alberta has depended mainly on the sale of butterfat to be made into creamery butter. In 1996, nearly 2 million pounds of butter valued at \$416,000 were produced. Twenty years later, production averaged about 20 million pounds annually. In 1926 it was estimated that nearly 60 per cent of Alberta dorrying was devoted to the production of creamery butter. Production dropped in the late 20's because of good crops at reminerative prices (In 1928 the Dairy Commissioner reported "there can be no doubt that the early season's prospects of a very promising wheat crop was an important factor in the depisition of many hereis") but increased steady of utring subsequent depression years, in 1943 a record production of 33.7 ml i on pounds of creamery butter was made, then followed a gradual decline to 30 million pounds in 1953. In sorte of the rapid development of the market for fluid milk and cream, however, the value of butterfat sales in recent years contributed slightly more than 50 per cent of farm Income from the sale of dairy products.

Until relatively recent years, markets outside the province absorbed the greater proportion of creamery butter produced. To compete effectively in distant markets it was essential that the guality of the product offered should be high. There was pood reason for "The Seasons' Educational Butter Scring Contest" offered by the Alberto Do ry Branch in 1907 which morked the beginning of butter grading in the province. In 1910, grade standards were established, and in 1917 (after pasteurization become general) grade certificates were issued only on butter mode from posteurized cream. The Canado Department of Agriculture assumed responsibility for the butter grading service in 1927 in order that uniform standards of quality might be established for Canada

The second series of important steps toward improving the quality of butter produced was taken in 1910 when the amotice of paying for butterfat received from farmers on a grade basis was introduced by co-operative creameries operated under government control. This system was generally adopted by independents and was made compulsory in 1922 through a staff of provincial cream graders. Since 1932 dailry inspectors have supervised the work of licensed graders and testers employed in butter factories

The accompanying table shows the production and value of creamery butter and factory cheese from 1906 to 1953, and the value of other dairy factory products from 1917 to 1953. The importance of creamery butter production in the development of domains (and providing form cash income) is indicated. Other dairy factory products were not important until a relative y reneal date. In 1936, as even protect

milk plant was estab ished at Red Deer, and before the war, the production of chedder cheese showed a marked apward trend. The production of milk powders was developed during the wor The greatest increase in the value of dairy products sold after 1940, however, was in relation to fluid milk and cream sales. Alberta's non-form population increased from 412, 205 in 1941 to 594, 279 in 1951. High employment and education in respect to milk as food tended to increase the consumption of

mulk per capita. The estimated average daily consumption of milk and cream, expressed in terms of milk. The instruction of equipment for pasteurizing fluid milk in deiry factories located in small centres of population, asso added to the rapid expansion in factory sales of fluid milk and cream.

in Alberta increased about 10 per cent between 1941 and 1951.

The record shows that the dairy industry in Alberta is undergoing adjustment made necessary by recent urbanization in the province.

QUALITY OF ALBERTA CREAMERY BUTTER AS SHOWN BY PERCENTAGE FIRST GRADE AND 93 SCORE AND OVER

	% Ist Grade	% 93 Score & Over		% 1st Grade	% 93 Score & Over
1927 Revised	69 9 72.2 83.0 88.1 88.6	38 9 27.7 49.0 55.8 45.1	1950 1951 1952 1953	93 3 94.4 95.4 95.5	41.0 45.6 42.8 47.5

58

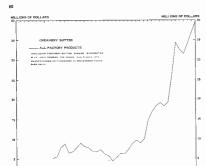
TABLE 24. DAINY PRODUCTION AND UTILIZATION IN ALBERTA, 1910-1953 DIFFERENCE A TENNE OF WARK CHILD EDUNALENT

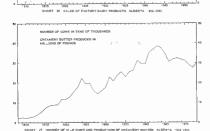
SOLD OFF FARMS -	1980		1951 196 LA	s	1952 **** c.A.		1953	
BUTTERFAT FOR CREAMERY BUTTER	731,906		678, 533	0.1	666,940		701 636	10.3
FOR MISCELLANEOUS FACTORY PRODUCTS*	60,417	4.4	54,209	4,1	60,884	47	47 558	
FOR SALE AS FLUID MILK AND CREAM	211,700		226, 263	0.4	240,628	19.4	257 547	10,0
FOR MAKING ICE CREAM	35,406	1,4	37 962	4.0	40, 128	3.4	41,301	3.5
SOLD AS DAIRY BUTTER	5-904	8.4	4,987	1,4	2,714	0.9	2, 176	1.8
TOTAL DAIRY PRODUCTS SOLD	1,045.533	ж.	1 052,014	7.7	991,294	79.5	1 570.958	4.4
UTILIZED ON FARMS -								
DAIRY BUTTER	104, 290	1,4	\$1.471	4,0	78,180	4.3	69,000	5.0
FLUID MILK CONSUMED	140, 691	10.0	148 682	1.0	138,123	19.4	150,993	9.0
FED TO PARM ANIMALS	63, 622	6.1	87,380	4,5	89,566	1.0	96,272	7.0
TOTAL UTILIZED ON FARMS	229, 353	0.7	224,563		305.869	m =	296,293	10,0
TOTAL PRODUCTION DARRY PRODUCTS	1,374 835		1,326,517	186,4	1 297, 163	100,4	1 367,253	166,6
Table 25 —FARM VALL	IE OF DAIRY		UCTION IN A		FA, 1960—193 1952		1953	
VALUE OF DARRY PRODUCTS SOLD	1250		1851		1952		1-100	
VALUE OF DARRY PRODUCTS SOLD BUYTERFAT FOR CHEAMDRY BUYTER	1250 (************************************		1951 proses 15, 108		1952 9**** 13,679		14 801	*
VALUE OF DARRY PRODUCTS SOLD BUTTERFAT FOR CHEAMBHY BUTTER MRCELLANEOUS PACTORY PRODUCTS *	1250 e-me 13, 870 1, 854	1 U	1851 15, 108 1,609	# ED 43	1952 9**** 13,679 1,678	# M.0	14 801 1 637	9FT
VALUE OF DARRY PRODUCTS SOLD BUTTERFAT FOR CREAMBRY BUTTER MISCELLANEOUS FACTORY PRODUCTS * FOR FLUID MILK SALES	1950 e-me 13, 870 1, 854 7, 968	# 40 U	1951 prace 15, 198 1, 699 9, 134	8 43 44	1952 13,679 1,678 10,175	# 34.0 4.5	14 801 1 637 11 676	99 T
VALUE OF EMBY PRODUCTS BOLD BUTTERFAT FOR CREAMENY BUTTER MISCELLANEOUS PACTORY PRODUCTS * FOR FLUID MIKE SALES MILK AND PAT FOR ICE CREAM	1950 e-me 13, 870 1, 854 7, 968 804	* * * * * * * * * * * * * * * * * * * *	1951 press 15, 108 1,669 5, 134 982	8 13 14 14	1952 9***** 13,679 1,678 10,175	# 96.0 4.9 19.3	14 801 1 637 11 076 1,006	911 43 83
VALUE OF DARY PRODUCTS SOLD BUTTERFAT FOR CHEAMBY SUFTER MEGGILL-NEGUS FACTORY PRODUCTS * FOR FULD MILK SMLES MILK AND FAT ON ICC GREAM DARY SUTTER SOLD	1250 13. 570 1, 554 7, 968 604 131	* 0 0 0	1951 proce 15, 108 1, 609 9, 134 982 122	# #0 *4 *4 *4 *4	1952 9**** 13,679 1,678 10,175 965 65	# 94.0 4.7 14.3 6.7	14 801 1 637 11 076 1,006	901 63 83 63 64
VALUE OF EMBY PRODUCTS BOLD BUTTERFAT FOR CREAMENY BUTTER MISCELLANEOUS PACTORY PRODUCTS * FOR FLUID MIKE SALES MILK AND PAT FOR ICE CREAM	1950 e-me 13, 870 1, 854 7, 968 804	* * * * * * * * * * * * * * * * * * * *	1951 press 15, 108 1,669 5, 134 982	8 13 14 14	1952 9***** 13,679 1,678 10,175	# 96.0 4.9 19.3	14 801 1 637 11 076 1,006	911 43 83
VALUE OF DARY PRODUCTS SOLD BUTTERFAT FOR CHEAMBY SUFTER MEGGILL-NEGUS FACTORY PRODUCTS * FOR FULD MILK SMLES MILK AND FAT ON ICC GREAM DARY SUTTER SOLD	1250 13. 570 1, 554 7, 968 604 131	* 0 0 0	1951 proce 15, 108 1, 609 9, 134 982 122	# #0 *4 *4 *4 *4	1952 9**** 13,679 1,678 10,175 965 65	# 94.0 4.7 14.3 6.7	14 801 1 637 11 076 1,006	901 63 83 63 64
VALUE OF DARRY PRODUCTS SOLD BUTTERFAT FOR CHEMANDY BUTTER HOCILLANEOUS APCORD TO FOR FOR FLUID MILK SALES MILK AND FAT FOR ICE CREAM DARY BUTTER SOLD TOTAL VALUE CARRY PRODUCTS SOLD	1250 13. 570 1, 554 7, 968 604 131	* 0 0 0	1951 proce 15, 108 1, 609 9, 134 982 122	# #0 *4 *4 *4 *4	1952 9**** 13,679 1,678 10,175 965 65	# 94.0 4.7 14.3 6.7	14 801 1 637 11 076 1,006	901 63 83 63 64
VALUE OF BARY PRODUCTS BOLD BUTTERS FOR CAMERY BUTTERS AND COLLECTION PRODUCTS ** FOR FURD BUTLE SALES ** MARK AND FAT FOR ICE GROWN DARW BYTTHE SALES ** TOTAL VALUE CHAIN PRODUCTS SALE UTTLESS ON FAMIN -* WITLIESS ON FAMIN -*	1950 13.879 1,854 7,968 804 131 24,357	* 9 7 2 9 9 9	1851 press 15, 108 1,609 9, 134 982 122 26, 555	8 80 44 84 84 84 84 84 84 84 84 84 84 84 84	1932 9***** 13,679 1,678 10,175 985 65	# 96.0 4.7 96.0 6.7 6.9	14 801 1 657 11 076 1,006 82 20,372	96 1 6 3 86 2 8 2 8 2 8 5 8 6
VALUE OF BARY MODULTS BOLD BUTTERS FOR CREAMON BUTTER MODILLANDS FORTER FRODERS* FOR FURS MILE MALES MILE MALE FALSE DAYS BUTTER LOCK TOTAL, MALES CHAPT PRODUCTS BOLD TOTAL MALES CHAPT PRODUCTS BOLD TOTAL MALES CHAPT PROD	1950 13. 870 1, 854 7, 963 804 131 24, 357	. 9 3 2 3 3 3 3	1951 F-wee 15, 108 1, 609 9, 134 962 122 26, 605	8 80 44 80 80 80 80 80 80 80 80 80 80 80 80 80	1932 9 min 13,679 1,673 50,175 965 65 26,982	# 963 64 64 64 64 64 64 64 64 64 64 64 64 64	14 801 1 637 11 676 1,006 62 25,572	96-1 4-3 26-2 8-2 8-5 8-6

TOTAL VALUE DAIRY PRODUCTION

33,922 m.s PHOLOGO DISSAN CHESS CONSENTAINED HILL PRODUCTS STO.

37 496 mas









TOP HOLSTEIN CATTLE LOWER HEREFORD CATTLE





TOP A LEGISLEN FLOCE LONGS - YORKSHIPE HOS

62

The Daminion Bureau of Statistics estimate aross and net form oash income annually. These estimates include only the incomes and the expenditures incurred by farm operators in the operation of their forms. Formers' income rece'ved from sources other than forming, not form rent, interest on mortgages or pareaments of sale and wages paid to hired form abour, are not included

Cash income is the principal component of gross form income from farming operations. It may be divided into income from the sale of field cross and live stock products respectively. In 1926 income from field crops made up about 70 per cent of the tota (Table 26). In subsequent years the relative amount of farm cash uncome obtained through the sale of field crops diminished until, in 1941, it comprised only 46 per cent of the total exclusive of supplementary payments

Variation in the yields of field crops obscure trends in the production of crops for cash sale as compared to live stock raising. Moreover, the imposition of grain delivery quotas at the beginning of the war and again in recent years has affected the normal course of grain marketing. Price movements further complicate such a comparison. Nevertheless, the record would appear to indicate that there is a strong influence tending to favour development of the live stock undustry. The underlying cours of this trend may be found in a rapidly expanding Canadian market for form products, plus the fact that wheat is in greater supply in relation to the home market than are lave stock products.

Changes 'n the proportion of form cash income obtained through the sale of wheat supports the conclusion that diversification in agriculture is increasing in Alberto, in 1926, 65 per cent of cash income was derived from wheat sales, in 1937 to 1941 inclusive the proportion had dropped to about 50 per cent Canadian West Board participation and easal zelion payments on wheat, ont and barley (1944 to 1953) are grouped in the table showing cash income. Nevertheless, income figures and acreages seeded " Indicate that wheat production continues to be use important in Alberta's form economy than it once was

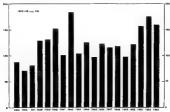


CHART 28, INDEX OF THE PHYSICAL VOLUME OF AGRICULTURAL PRODUCTION ALBERTA, 1915-1955

The general situation recording cattle and has production in Alberta for the last twenty yea might be indicated. The market for bacon provided under the British Empire Trade Agreements (1932) resuited in Increasing receipts from hogs and, during the war, had marketings reached on all-time high, in 1942 and gagin in 1943, has receipts provided 29 per cent of form cash income from the sale of form products. However, a shortone of labour, higher prices for prain and a rising cottle market resulted in a sharp drop in hog production after 1944.

As compared to hogs, cattle production operates on a longer production cycle. Improvement in the appartunity to market cattle in the United States in 1936, followed by war demands resulted in a steady increase in cattle production. But, circumstances governing the market for cattle since 1939 and the fact that the raising of cattle operates on a relatively long production cycle, prevented the reaching of peak receipts until 1950. In that year, income from the sale of cattle and calves reached 26 per cent of total farm cash income

Relatively to ather enterprises the sheep industry in Alberta has declined while the production of

ucts has increased. Deleving how should kept noce with total devalue

64

Vecetables .....

Other crops .....

Other live stock and products ... 0.7

Fores\* Products ..... 0.1

TOTAL CASH INCOME . .. 100.0

Supplementary payments .....

Total Live Stock and 

Total Croos

of

Total fare income, expenses and deprecipites, and hat income are shown graphically on page 68. It should be pointed out that the high levels of fare income and fare expenses "dictand are, indicand are, indicand are, indicand are, indicand are, indicand are proportionally production in the value of money. As Index of the estimated physical values of orgifultural production in Astart from 1953-1953 inclusive is shown on the proceeding page.
TABLE 26. — CASH INCOME FROM THE SALE OF FARM PRODUCTS EXPRESSED AS A PERCENTAGE OF TOTAL FARM INCOME - ALBERTA, 1926-1953

Task	26. —	CASH INCOME FOR PERCENTAGE						
		1926 %	1931 %	1936 %	1941 %	1946 %	1951 %	19

	1926 %	1931	1936 %	1941 %	1946 %	1951 %	15
Wheat	. 64.8	53.2	44,9	35.4	34.2	22.5	3
Oats	. 2.7	4.0	3.2	2.8	4.5	2.1	

				~	~	70	
Wheat	64.8	53.2	44,9	35.4	34.2	22.5	32
Oats	2.7	4.0	3.2	2.8	4.5	2.1	3
Barley	0.6	0.8	3.4	1.1	2.7	4.1	7

Oats	2.7	4.0	3.2	2.8	4.5	2.1	3.
Barley	0.6	0.8	3.4	1.1	2.7	4.1	7.
Rye	0.3	0.1	0.1	0.1	1.5	0.9	0.
Flax	0.1	0.1		0.5	0.5	0.5	0.

Rye	0.3	0.1	0.1	0.1	1.5	0.9	0.7
Flax	0.1	0.1		0.5	0.5	0.5	0.9
Wheat Board payments					3.9	18.6	10 2
Potatoes	0.3	0.3	0.3	0.3	0.3	0.2	0.2
Sugar Beets	0.1	1.0	1.5	1.5	1.4	1.5	2.2

1.3 1.6 1.4

61.2

70.3

0.3 0.4

43.4

0.1

5.0 1.6 0.8

0.4

0.9

59.0

100 0

fogs	9.8	11.8	76.8	25 4	14 7	14.0	14.3
Sheep and Lambs	0.4	1.2	1.2	1.1	1.0	0.8	0.3
Dairy Products	4 9	9.4	7.7	7.2	7.3	6.5	5.8
Paultry and Eggs	3 3	5.5	3.7	3.8	4.3	4.3	4.2
Euro	0.1	0.4	0.8	0.5	0.6	0.4	0.2

Sheep and Lambs	0.4	1.2	1.2	1.1	1.6	0 B	0
Delry Products	4 9	9.4	7.7	7.2	7.3	6.5	5
Paultry and Eggs	3 3	5 5	3.7	3.8	4.3	4.3	4
Furs	0 1	0.4	0.8	0.5	0.6	0.4	0

Cattle and Calves ,,	10.4	8.9	12.5	12.1	17.7	19,8	14.2
Hogs	9.8	11.8	76.8	25 4	14 7	14.0	14.3
Sheep and Lambs	0.4	1.2	1.2	1.1	1.0	0.8	0.3
Dairy Products	4 9	9.4	7.7	7.2	7.3	6.5	5.8

Sheep and Lambs	0.4	1.2	1.2	1.1	1.6	0 B	(
Delry Products	4 9	9.4	7.7	7.2	7.3	6.5	
Paultry and Eggs	3 3	5 5	3.7	3.8	4.3	4.3	4

1.4 1.8 3.3

38.6 44 5 51.4 46.7 46.7 39.4

100.0 103 3 100.0 100 0 100.0 T-1.1 27 INCOME OF FARM OPERATORS FROM PARKING OPERATIONS - ALBERTA, MISH-195

69

	1836	107,429	4,850	1,000	610	100		e čn	196	8,89	116, 987	
	1827	116,434	7,496	1.427	1,600	140	- 1	ico ex	15	8,807	138,794	
	1916	194,350	9,600	2.884	2,109	167		wa str	156	4.404	169,434	
		104,540	4,815	1.488	950	199		155 396		5.311	195,613	
	1950	55,436	1,79	396	128	78	- :	T. 660	750	1,500	56,013	
	1851	J9 158	2.968	968	69	10		30 NI		991	45.160	
	504	44 926	2.7-4	495	es.	48		27 10		1,266		
	100	42.004	5 212 5	764	179	•		E7 736	161	800	48.566	
	estica vistica	34.002 36.65e	5 799 E 363	1,545	341	166		100 K,540	210	235	92,791	
								es ces		487		
	v856	45.7M 16.7M	3.20k	£ 109 £ 190	107	2			221	2 105	73. 57	
	901	D 10	3,880	1,459	196	546		ME 1 PR	421	931	47,733	
	194	W. 101	4.310	1.60	360	BOX		eny 6.09	427	2.967	66,389	
								Sec 9.300			89,320	
									44		47,790	
		18,779	5,136									
	eles	M. elle	19 46	8,09T	1.758	1,42	4,961	3,85	1,007	7.062	108,948	
	tes	HT 469	12 661	176	4.198	CAR.	4,081	100 1.90	1.20	9 197	rea pile	
						5,407	8,78	E 1.17	1.00	8.401	254,615	
	100	115,304	16. 30	3,541	9.300	5,101	948	9,30	1.460	14 87	305.8g5	
	193	104,621	10.105	14,019		7,615	H.76	Nes 4 460	1,361	8.234	294. 40	
	F990	104,408	R. C13	15,648	3.677	196	10,000	DS 8,577	1,014	10,454	148.407	
	F990	191 101	8.707	21,392		1.4		NS 7,885	1,000	2.50	10 114	
	4952	198, 63	D ME	46.192	2 226	5,481		100 7 114		9.996	305.148	
	8953	159,216	16.496	20,016	3 758	CHE	B.430	BC7 15,400	1,454	5 295	892,461	
							OTHER	70704		GARCINE.		
	CATTLE		SKEEP AHD	SARY	AND AND	-	TINE SHOCK	LIVE STOCK	FOREST PROTECTS	Factor Property	BUPPLE- HIDITARY PAYMENTS	CASH ESCOSAR
YEAR	CHLVES CHLVES	14005		SARY PRODUCTS	4968	Pues	AND PRODUCTS		Pomist	COME FROM FREM	BUPPLE- MENTARY PAYMENTS*	
YEAR		14005	AHD		4968	Pies ISAND 0	AND PRODUCTS Discussed in Labor	LIVE STOCK	Powder	Fahn Fahn PRODUCTE		CABH
1886	CALVES 1.MA	16.205	AND JOHES	PRODUCTS	400A - 79:0	MAND O	AND PRODUCTS	PRODUCTS	Powder PRODUCTE	Fahn Fahn PRODUCTS		DASH DROGAE
	CHLVIER	16.30L F 168	AHD	RANT 7 JUL	400A - 79:0	MAND O	AND PRODUCTS  IN LABO  158  467	PRODUCTS	Powder PRODUCTE	PERM PRODUCTE 148-802 170-202		DASH DROGAE DES. BIZ 27. DES
1886	2.555 1.555 16,336	16.36% F 568 F 568	238 518 518 563	910000018 8,617 7,707 7,100	4008 - 790 4,314 6,514	154.ND 01 154 1.5 280	LIVE STOCK AND PRODUCTS IN LABO 'SI AP EP	480 PRODUCTS 48,16 48,18 47,78	Powder Percentage Signature	PRODUCTE  149.803  179.303  209.465		0A6H 1900A4E 10.862 73.384 215.962
1127 1127	1. 555 14,316 16,316 16,616	10.304 17.404 16.40	318 518 518 518 518 1 205	8,647 7,277 7,156 7,156	4908 - 790 2 21 4,314 4 15 7 129	15 200 200 200 200	LIME STOCK AND PRODUCTS In LARC 158 AP 87 87 88	48,146 40,146 40,146 40,18 47,384	FOREST PRODUCTS	PARM PRODUCTS HIS BS SHEET STORY 149-853 179-288 201,445 21 (10		0A6H 1900A4E 101.002 73.004 214.493 131.22
1985 1987	2.555 1.555 16,336	16.36% F 568 F 568	238 518 518 563	910000018 8,617 7,707 7,100	4008 - 790 4,314 6,514	154.ND 01 154 1.5 280	LIVE STOCK AND PRODUCTS IN LABO 'SI AP EP	480 PRODUCTS 48,16 48,18 47,78	Powder Percentage Signature	PRODUCTE  149.803  179.303  209.465		0A6H 1900A4E 10.862 73.384 215.962
HILLS 1127 1128 1129 1120 1120	1 MM 14,176 14,176 19,175 1,006 6,500	16.20% F 968 F 696 G 581 14.200	731 512 513 603 1 295 1 266	7,017 7,017 7,100 1,000 6,000 6,000	2008 - 79:0 2 31 4,314 4 10 7 30 6 30 4 50 4 50	15 AND 0	LEVE STOCK AND PRODUCTS ON LABEL 158 40° 60° 80° 80° 80° 80° 80° 80° 80° 80° 80° 8	45.96 46.96 46.96 46.96 47.96 56.96 16.00	Fonter responde	FROM PRODUCTS  148-852  148-852  170-288  201,465  24-152  170-289  70-709	MENTARY PAYMENTS*	0A6H 1900A4E 1900A4E 191.002 291.003 101.722 \$1.523
Heds 1127 1128 1129 1120 1121	7. 865 14,176 14,176 19,44 19,175 7.006 6.500 6.500	16.20% F 968 F 664 G 581 W 292 E 608	728 518 518 518 519 62 62 63 64 64 64 64	8,692 7 207 7 106 1 06 4 692 4 693 6 693	2 21 4.314 6.314 6.102 7.219 6.308 6.100 6	15 AND 01 AND 15	LAVE STOCK AND PRODUCTS On LABE  'SE AS' BIS	45.165 46.165 46.165 46.17 47.185 31.395 38.275 38.275	Fonter responded	PRODUCTE  HE ACT  175 ESS  201,465  31 152  27 869  79 299  79 298	PAYMENTS*	0A6H 1900A4E 191.992 77.998 214.992 101.722 p1.922 73,798 71,590
HILD 1927 1928 1929 1930 1930 1931 1931	0.650 0.650 16,176 16,176 16,175 18,006 6,500 6,500 6,500 6,500	16.205 F 968 F 606 IS SRI 16.202 E 609 E 708	238 518 518 518 518 619 619 661	7,007 7,207 7,106 1,064 4,000 6,000 6,000 6,000	2008 - 79:00 2.31 4.314 4.102 7.319 4.300 4.900 3.907 3.907	HAND O	LEVE STOCK AND PRODUCTS 0s. LARKE 4P 6P 6P 8P 100 100 100	45 HG 45 HG 46 HG 46 HG 47 HG 30 HG	FOREST PRODUCTE US US US US US US US US US US US US US	79.00 FARN PRODUCTE 148.803 775 318 206.405 30 132 87 305 79 379 71 380	MENTARY PAYMENTS*	0A6H 1900A4E 1900A4E 214.892 214.892 104.122 p1.193 31,794 31,796 11.600
1925 1927 1928 1929 1930 1931 1932 1932 1932	7, 855 14, 175 14, 175 16, 175 7, 606 6, 500 6, 500 6, 500 1, 500 1, 500 1, 500	16.206 F 968 T 666 G 581 16.202 E 668 E 7.231 G 205	AHD _AHBS	FORDUCTS  F. 607  7 703  9 804  6 805  6 806  5 806  5 806  5 806  5 806	200 4008 - 780 2 21 4,54 6 15 7 10 8 30 4 50 1 90 1 90 1 10	MAND &	LAVE STOCK AND PRODUCTS 0s. LABSE 40° 80° 80° 80° 100 500 500 80°	48: HS 44: HS 44	FORCET PROJECTE UP UP UP UP UP UP UP UP UP UP UP UP UP	COME FROM FARM PRODUCTE  148.803 179.308 209.465 30.103 19.309 19.308	PAYMENTS*	0A6H 1900A4E 1900A4E 291.982 291.983 131.798 71,590 31.670 87.744
HILD 1927 1928 1929 1930 1930 1931 1931	0.650 0.650 16,176 16,176 16,175 18,006 6,500 6,500 6,500 6,500	16.205 F 968 F 606 IS SRI 16.202 E 609 E 708	238 518 518 518 518 619 619 661	7,007 7,207 7,106 1,064 4,000 6,000 6,000 6,000	4 900 4 900 2 21 4 31 4 32 7 100 8 30 4 90 1 30 1 30 1 30 1 30 1 30 1 30	# 400 0 13 13 13 13 13 13 13 13 13 13 13 13 13	LANT STOCK PRODUCTS PRODUCTS 61 APR 61 BP 100 100 100 100 100 100 100 100 100 10	#2000 #2000 #2000 #2000 #2,96 #2,96 93,96 93,96 93,86	FORCET PRODUCTS	COME FROM FAM PRODUCTE  148, 853 179 388 201, 845 179 389 179 379 179 389 179	PAYMENTS*	0A6H 1900A4E 19.00A4E 73.00 214.90 214.90 21.30 21.30 31.50 31.50 91.60 87.74 900.67
1925 1927 1929 1929 1930 1931 1931 1931 1931	1, 855 14,35a 14,35a 16,17b 1,17b 1,006 4,500 4,500 4,500 1,	16.205 F 968 T 609 G 881 G 282 E 508 E 508 E 508 E 508 E 508 E 508	2048 102 103 103 103 103 103 103 103 103 103 103	# (CE)   F (	490 4368 - 79:0 2 31 4.314 4 152 7 38 6 38 4 98 3 30 3 30 3 30 3 30 3 30 3 30 3 30 3 3	MAND OF STREET, STREET	AND STOCK AND PRODUCTS ON LARE STOCK AND STOCK	#20 PRODUCTS  #100 PCTS  #100 PCT	FOREST PRODUCTS AS AS AS AS AS AS AS AS AS AS AS AS AS	COLOR FROM FRANCE FRANC	PAYMENTS*	0A6H 1900A4E 1900A4E 29.892 29.892 29.892 21.992 21.992 21.990 21.990 21.990 21.990 21.990 21.990 21.990 21.990
1925 1927 1928 1929 1930 1931 1931 1931 1931 1931 1931	1, 555 14, 175 14, 175 16, 175 1, 606 4, 500 4, 500 4, 500 1, 500	16.266 F 968 F 968 F 968 6 981 6 982 6 982 6 983 6 723 6 725 75 783 75 783	200 200 318 318 318 318 318 318 318 318 318 318	#,682 7 307 7 105 1 084 6 802 6 803 6 803 6 805 6 205 6 205 6 205 6 205 6 205	4 90 4 30 4 30 4 30 4 30 4 30 4 30 4 30 3 30 3	HAND OF	LAF STOCK AND PRODUCTS On LAFE  150 AP	#2 9700. #20 PRODUCTS  #2,166 #4,17 #2,196 19,296	Foreign Property Prop	ODARE PROMI FIRST PRODUCTE HELBO 200 170 200 201, AU 201, AU 2	MENTARY PATHENTS	GABN EROGANE ERO BEZ 273 - DER 274 - REZ CDI - 172 ERO BEZ 273 - TAL ERO BEZ ERO BEZ E
1925 1927 1928 1929 1930 1931 1931 1931 1931 1931 1931	7, 355 14,336 14,336 19,44 19,175 7,006 6,000 2,342 2,	16.206 F 962 F 962 F 963 F 963 F 963 F 721 F 721 F 721 F 721 F 721 F 721 F 721	201 128 128 129 1 296 1	# 000 PRODUCTS  # 100 PRODUCTS	4000 4000 4000 4.514 4.514 4.500 4.500 1.5	HAND OF	AND PRODUCTS AND P	#20 9700. #20 77000/CTS  et . 164 .	Foreign Property Prop	Opac 6 Period. Fachal Fachal Perioducitie 146, 803 170 209 209, AUS 201 319 170 209 170 309 17	HERTARY PATHENTS	0A6K 1900A4E 29.882 29.882 29.893 29.794 31,986 31,
1925 1927 1928 1929 1930 1931 1932 1932 1935 1935 1935 1937 1937 1937 1937	AND CALVES 1.865 14,276 15,175 16,276	46.266 P 968 F 968 F 968 6 981 6 982 6 982 6 983 6 983	208 868 869 1 299 1 166 601 601 601 601 601 601 601 601 601	# 600 2 207 7 106 9 600 6 800 6 800 800 6 800 6 800 800 800 800 800 800 800 800 800 800	4,568 4,568 4,564 4,564 4,564 5,169 5,169 1,	HAND OF STREET, STREET	LAF STOCK AND PRODUCTS On LAFE  150 AP	#2 9700 A #2 7700 ACT 5 #45,166 #45,27 #7,596 50,	Foreign Property of the Control of t	Opur C Probus Fixable Proboto CTE HEL BID 170 DID 201, ALD 34 152 201 ALD 34 152 201 Pro 170 P	MEDITARY PATHENTS	GABN (90044) IRC BIZ 24 RE (31 - 22 pt 328 23 TS 33 TS 31 RS 31 RS
1925 1927 1928 1929 1930 1931 1931 1931 1931 1931 1931	7, 355 14,336 14,336 19,44 19,175 7,006 6,000 2,342 2,	16.266 P 568 17.686 16.681 16.285 8.668 1.201 12.206 3.703 16.206 17.723 16.206 17.723 16.206 17.723 16.206 17.723 18.724 18.724	208 868 869 1 296 1 296 601 602 603 603 603 603 603 603 603 603 603 603	# 607 7 705 9 604 6 807 6 807 6 807 6 808 6 808 6 808 6 808 6 808 6 808 6 808 7 808 6 808 7 808 7 808 7 808 7 808	4,968 - 7 100 4,364 4,364 7 100 8,367 1,366 1,367 1,366 1,367 1,366 1,367 1,366	15 15 15 15 15 15 15 15 15 15 15 15 15 1	PRODUCTS PRODUCTS On LABE  198 40 40 40 40 40 40 40 40 40 40 40 40 40	## 1950 ## 196 ## 196 ## 198 14, 198 14, 198 15, 198 15, 198 15, 198 15, 208 15, 208 16, 208 1	FOREST PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERT	COME 6 PROMA FARMA FARMA PRODORCTE 140. 853 179 209 201, AC. 31 503 179 209 17 306 1 105 17 306 1 105 10 106 1 105 10 106 1 105 1 10	PAYMENT®*	GABN 1900A4E 273 DBR 274 BB2 124 FB2 125 FB2 273 TBR 273 TBR 273 TBR 273 TBR 273 TBR 274 TBR 275 TBR 2
HILLS 1927 1928 1929 1920 1921 1921 1921 1931 1931 1931 1931 1931	AMC CALLVIER  1.856 14.376 14.376 14.177 2.006 6.590 6.090 2.900 2.900 2.008 2.900 2.008 2	16.206 F 568 F 669 G 881 F 592 E 569 E 722 G 725 G 725	738 518 518 500 1 296 1 296 1 296 1 296 1 296 1 296 1 296 1 297 1	#,647 7 307 7 106 6 606 6 606 6 606 5 607 6 106 6 106	2 21 4,300 4 500 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# # # # # # # # # # # # # # # # # # #	LAF STOCK AND PRODUCTS On LAFE  198 401 601 602 603 603 604 1 NE 300 604 604 605 605 605 605 605 605 605 605 605 605	#2 9700 / 100 9700 / 1	FOREST PROPERTY AND ADDRESS OF THE PERTY A	COME 6 PRIMA FRANA FRANA FRANA PROCOCKTE 103 303 204, ACC 20 209 20 309	PAYMENTS*	0A60* (190A44) IRI. 802 273. 588 274. 802 101 - 72 171. 500 71, 500 71, 500 87, 744 100, 671 84, 779 64, 662 173, 662 174, 662 17
HABS 1927 1929 1929 1920 1931 1932 1933 1934 1937 1937 1938 1938 1939 1939 1939 1939 1939 1939	1. 855 14.376 14.376 14.376 14.376 15.006 6. 560 6. 560 6. 560 12. 562 12. 562 12. 563 13. 568 13. 568 14. 194 14. 194 16. 258 16. 258	16.206 P 568 IT 686 IS 681 16.206 8.508 8.508 12.206 3.703 16.206 17.722 16.206 16.303 16.303 16.303 16.303 16.303 16.303	201 512 513 514 515 515 515 515 515 515 515 515 515	#,007 7 207 7 106 6 602 6 602 6 603 5 605 5 805 6 205 7 106 8 105 7 106 8 105 8 105	## 1 ## 1 ## 1 ## 1 ## 1 ## 1 ## 1 ##	HAND O	LAF STOCK AND PRODUCTS On LAFE  190 190 190 190 190 190 190 190 190 19	## 1950 ## 196 ## 196 ## 198 10, 198 10, 198 10, 198 10, 198 10, 198 10, 198 10, 198 11, 198 1	PORTET PROTECTS	COMET PRINT FRANCE FRAN	MEDITARY PAYMENT®*	GABN (1900AM) (1900AM
HILLS 1927 1928 1929 1920 1931 1932 1932 1933 1934 1935 1936 1937 1937 1938 1939 1949 1949 1949	5. 255 54, 256 54, 256 54, 256 54, 256 5, 266 6, 266 6, 266 6, 266 6, 266 17,	16.200 F 968 F 686 G 881 F 762 E 762 E 763 G 204 G 763 G 763	200 200 200 200 200 200 200 200 200 200	## NOTE OF THE PROPERTY OF THE	## 1 ## 1 ## 1 ## 1 ## 1 ## 1 ## 1 ##	# AND 0 125 225 225 225 225 225 225 225 225 225	LAF STOCK AND PRODUCTS On LAFE  198 60 60 60 60 100 60 110 60 60 60 110 60 60 60 110 60 60 60 60 60 60 60 60 60 60 60 60 60	## 5 9500 A 500 PRODUCTS ## 500 A 50	PORTET PROTECTE AND ADDRESS OF THE PROTECTE AND ADDRESS OF	COME PRINT READ PRODUCTS 148-80 179 20	PATHENTALY PATHENTS*	0A60* (400A44) 102.802 273.308 274.802 275.702 27.704 57.704 500.673 86.205 174.605 174.605 174.605 174.605 174.605 174.605 174.605 174.605 174.605 174.605
HILLS 1927 1929 1920 1920 1920 1920 1920 1920 1920	7. 555 14,376 14,376 14,175 1,075 1,000 1,	16.265. P 568 U 688 U 688 U 758 U 75	AND AMES THE REA REA REA REA REA REA REA RE	#1000-0019 #, 407 7 207 7 106 4 802 4 802 4 808 8 407 8 208 8 2	## 1 ## 1 ## 1 ## 1 ## 1 ## 1 ## 1 ##	HAND O	LAFE STOCK AND PRODUCTS ON LAFE STOCK AND STOC	#2 5700 FT000 FCT5 FT000 FT000 FCT5 FT000 FT	PORTET PROPERTY OF THE PROPERT	COME PRINT FRANCE FRANC	PATYMENTY PATYMENTY *	0.480° (40,044) 182, 852 271, 388 274, 852 274, 852 271, 563 271,
HILLS 1927 1929 1929 1930 1931 1932 1932 1937 1937 1937 1937 1937 1937 1937 1937	5. 255 54, 256 54, 256 54, 256 54, 256 5, 266 6, 266 6, 266 6, 266 6, 266 17,	16.200 F 968 F 686 G 881 F 762 E 762 E 763 G 204 G 763 G 763	200 200 200 200 200 200 200 200 200 200	## NOTE OF THE PROPERTY OF THE	## 1 ## 1 ## 1 ## 1 ## 1 ## 1 ## 1 ##	# AND 0 125 225 225 225 225 225 225 225 225 225	LAF STOCK AND PRODUCTS On LAFE  198 60 60 60 60 100 60 110 60 60 60 110 60 60 60 110 60 60 60 60 60 60 60 60 60 60 60 60 60	## 5 9500 A 500 PRODUCTS ## 500 A 50	PORTET PROTECTE AND ADDRESS OF THE PROTECTE AND ADDRESS OF	COME PRINT READ PRODUCTS 148-80 179 20	PATHENTALY PATHENTS*	0.480° (190,044)
HMAS - 1927 - 1928 - 1929 - 1920 - 19	2. 595 54, 274 54, 274 54, 275 7. 000 6. 590 6. 590 6. 590 7. 000 17.	16, 20% pr 464 p	AVE AVE STORY AV	PRODUCTS  2 277  7 280  6 80  6 80  6 80  7 10  7 10  8 10  10 10 10  10	### #### #############################	MAND 0	LAT STOCK AND	LINE \$700A.  502 PRODUCTS  46.44 44.41 44.45 44.	Promise Proposition of the Control o	COMET PRINTS FRANCE FRA	PACYMENT PAYMENTS 513	0.040° (190,044) (190,044) (190,044) (190,044) (190,047)
HMMS 1107 1100 1100 1100 1100 1100 1100 110	2. 865 (4.35) (4	oil 2005 1 566 1 566 1 666 1 666 1 666 1 702 1 703 1 703	AND	# 000 PRODUCTS	# 7 min   # 2 min   # 3 min   # 4 mi	HAND OF THE PARTY	LAT STOCK AND PRODUCTS IN LATE OF STOCK AND ST	EATE \$7000KTS  602  PRODUCKTS  40 J46	Promise Proposed States of the Control of the Contr	Object Prints Faches Fa	PAYYESTY PAYYESTY **	GABN 1900AME 1900AME 1900AME 1914 RB2 1
HMAS - 1927 - 1928 - 1929 - 1920 - 19	2. 595 54, 274 54, 274 54, 275 7, 000 6, 590 6, 590 6, 590 17, 600 17,	68, 20% (F 688) (F 688	AVD	#1000MCTS # 1000	## 19   10   10   10   10   10   10   10	25 25 25 25 25 25 25 25 25 25 25 25 25 2	LAT STOCK AND PRODUCTS OF LARGE 499 AND	LINE \$7000.KTS  602  PRODUCTS  40.46  40.46  40.46  40.46  50.50  50.50  50.50  60.46  60.50	Promise Proposition of the Control o	COMME PRINTS FRANCE FRA	PAYYESTY PAYYESTY S	0.000 (190,000) 180,000 (27,000) 170,000 (27,000) 170,700 (27,000) 171,500
### ### ### ### ### ### ### ### ### ##	2. No. 1,	dd 265 P 646 P 646 G 86 G 86 E 198 E	### ### ### ### ### ### ### ### ### ##	PRODUCTS  T 207  T 207  T 308  6 608  6 608  6 108  7 108  6 108  7 108  8 108  7 108  8 108	## 150   150	MANUE OF STATE OF STA	LATE STOCK AND PRODUCTS IN LATE OF STOCK AND S	1.00 PROOF TO PROOF T	Promise Proposition Propositio	COMMET PRINTS FRANCE FR	PACYTERY PACYTE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	GABN 1900AME 1900AME 1900AME 1914 RB2 1
HMAS - 1927 - 1928 - 1929 - 1920 - 19	2. 595 54, 274 54, 274 54, 275 7, 000 6, 590 6, 590 6, 590 17, 600 17,	68, 20% (F 688) (F 688	AVD	#1000MCTS # 1000	## 19   10   10   10   10   10   10   10	25 25 25 25 25 25 25 25 25 25 25 25 25 2	LATE STOCK AND PRODUCTS (40 40 40 40 40 40 40 40 40 40 40 40 40 4	LINE \$7000.KTS  PRODUCTS  PRODUCTS  44.46 40.78 40.78 40.78 40.78 50.78 40.40 60.88 50.78 60.68 60.78 60.68 60.78 60.68	#10m567 #10m56	COMME PRINTS. FRANK FRANK FRANK HEL-BIS HEL-BI	PROTESTY PAYABLETY	GABP 1900-46 1
######################################	AUC) CAL, VICES  1, 585 14, 515 14, 641 15, 606 6, 500 6, 500 12, 600	48 265 F 1688 F	AND	### PRODUCTS  ####  ####  ####  ####  ####  ####  ####	### 1 ### 1	MANN O	LATE STOCK AND PRODUCTS OF APPEAR OF	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	Primeter processors of the control o	COUNT PRINTS FRANCE FRA	### PMAY####################################	GABPI 180,0644 271,082 271,083
### ### ### ### ### ### ### ### ### ##	AND CALL VIEW 11, 100	16 JOL 17 1888 17 689 18 18 18 18 18 18 18 18 18 18 18 18 18	### ##################################	910004CTS 7 207 7 207 7 204 6 400 6 4 400 6 4 400 6 4 400 6 4 400 7 204 7 204 7 204 7 204 7 204 8 323 8 325 8 325 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2004 2004 2004 4,314 4,314 4,314 4,314 4,314 4,314 4,314 1,310	MANUE OF STATE OF STA	LATE STOCK AND PRODUCTS (40 40 40 40 40 40 40 40 40 40 40 40 40 4	LINE \$7000.KTS  PRODUCTS  PRODUCTS  44.46 40.78 40.78 40.78 40.78 50.78 40.40 60.88 50.78 60.68 60.78 60.68 60.78 60.68	#10m567 #10m56	COMME PRINTS. FRANK FRANK FRANK HEL-BIS HEL-BI	PROTESTY PAYABLETY	GABP 1900-46 1

MYSAT SOURC , SMAAR 679SR PLAK PROMPTS POTANDON DEZYS VESEYABLES OROYS - THOUSPAND DOLLANS

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66

827	6 992	16.437	7.965	2.5-2	5 923	3 874	416	2 825	534
8.00	5 597	3.744	6,929	2.790	6.65	5 134	245	3 285	834
8.29	1.29	10 232	8.385	2 965	5 05	5 723	1.280	4 309	787
830	* feb	7 465	6 606	2 982	4 559	5 C85	1 363	1 869	799
901	7 23	4 725	2 579	3 724	3 288	5 254	1 575	3 -04	740
			C 953		2. 576	5. 72	1 436	2 546	762
99.2	6 34	6 009	9 316			4 094	1 376	2.413	753
5.14	6 ate		1 25c			5.362	1 528	2 582	814
505	6.094	6 640	12 479	6.381	2.059	5 Sao	1 555	2,754	629
906	0.000	7 350	12 490	5.76	3.334	5 528	b 553	2 560	617
927	6 76	9 490	10 005	NA 105	4 553	5 421	1 265	2 866	800
1500	0.523	8 640	13 768	-2 652	4 157		n 722	2.779	724
209	6 6 4	8, 235	r# 990	805	4 343			2 960	777
940	6 387	5 954	3 642	> 5"	442	6 382	2 357	1,656	923

Year 10. FARM OPERATING EXPENSES AND DEPRECATION CHARGES. ALREN'A. \$01-165 FEED AND

THOUSAND BOLLARS .

2 257 7 698

ACTO-TRACTOR TRUCK

INDER\*EDIESS

LABOUR

TAXES -

12. 50

67

COMMIN

157 179

162 84

233 965

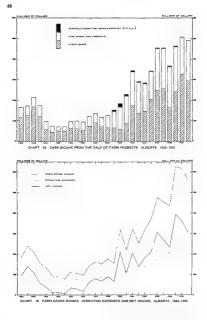
257 211

AUTOMOBY, 5

347 2.385

6 290 5 280 11 200 5 685 4 562 1947 4 cts 17 166 6 280 23 294 2 793 27 300 28.303 11 790 1931 31 070 5 965 17 239 24 862 40 255 8 377 18-295 15, 546 30 085 16.862 15.69 OPERATING BUILDING H MACHINERY VECETARS I DIRDEG REPARS. FERTILIZE SUPPLIES HISCELLANDONS - OPERATING SARCHINESY OFFICIATION THOUSAND DOLLARS 1005 2 061 201 1.28 26.261 87.60 94.54 01.68 1.548 2 160 941 1.49 16, 968 15,356 14 36 2 852 . 4 450 12 30 8 650 81 300 55, 566 74, 622 12 260 88,400 6 150

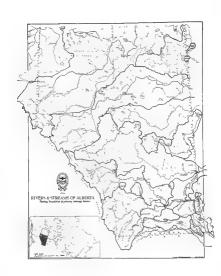
1,409 1 05 1 44 7 450 99,000 2 121 12.940 1.125 630 3,640 115,223 10. 955 901 2.100 8, 667 34 330 166 455 6.252 7.892 1.17 3,397 185,632 38, 336 14, 191 2 432 215 000 46, 734 If thereign and and department only the projects and provinces come or framework to the project of the project of the province of the project of the project



### IRRIGATION

Prepared by:

Water Resources Branch.



Following the Corretion of the Province of Alberta, the North West Irrigation Act was superseded in 1900 by the Irrigation Act, and this Act in run was superseded by The Wester Resources Act of Alberta by Irrigation Act, and this Act in Irrigation to the Province of Alberta by the Covernment of Corollo of Alberta by the Covernment of Corollo of Alberta by the Covernment of Corollo

ments respecting irrigation.

Up to 1920 the controction of works for the development of extress stringles areas was undersident entirely by privited sustepsies. Neveral seaso (and follow), entably 1 the abbent facilities of hirsystems of persists and the season state of the season state of the season state of the season state end to end advantage of company, and the Southern Albarte Land Company. The last large properties between size and season state end of season state end of the season state of the season s

Since World Wer II major estreasons and enlargements of two large projects are being carried out with both the Covertment of Colonda and the Government of Alberts percepting in the cost of construction and in the general development of large land areas along lirregation lines. Also, there have been organized evelopment of our smollar areas which have been organized as implant of stirtles. These smaller undertakings have received government assistance in connection with diversion works and main spoly condition while the districtivety could system.

This latest parced of impairs development also has seen changes take place in the commodities of the projects which had been bout by gravined senterprise intenting bot of 1800. These projects had constructed primarily to promote the soile of company owned lands, and having disposed of the tands, in the words, performing the companies occurrant enter willing to relinquish, or therewas dispose of their ownership intention, the works performing to carrying on impairso operations. These projects now have been fellen over by organized impatrols which had been also the control of the federal and Privincial Converments.

1972 then were Environ large error project in Alberte equipped with carels and other works provided to the control of the con

Modey? We change over from dry forming methods to the more interactive operation demoded by its gathow, has been extravely lown in once more when and our dimellal conditions are exceeded and another properties of the final form operated under importance of the properties of the properties of the final form operated under importance of the properties of the final form operated under importance of the final form operated under importance of the properties of the final form operated under importance of the properties of the final form operated under importance of the final form of the properties of the final form operated under importance of the final fin

	krigable Area	Source of Supply
St. Mary & Mi.k Rivers Development acres	82,000	St. Mary R'ver
Magrath Irrigation Districtacres	6,985	St. Mary R'ver
Raymond Irrigation District acres	15,130	St Mary River
Taber Irrigation District acres	31,500	St. Mary River
Western Prigation District acres	50,000	Bow River
Eastern fr/option Districtacres	250,000	Bow River
Bow River Project acres	59,566	Bow River
Mountain View -rrigation District acres	3,600	Baily River
Leavitt Irrigation District acres	4,631	Belly River
Aetna Irrigation District acres	8,303	Selly 8 ver
United Irrigation District	34,000	Beily R'ver
Lethbridge Northern Irrigation Districtacres	96,135	Oldman River
Maclead irr gation District	5.000	Oldman River
Ross Creek Irrigation District acres	2,069	Gros Ventre Creek

SOIL

The reportance of the soil In the economics of Irregation forming is determined by a number of factors. In order of moderate to light precipitorison, day farming can compete with fringibion forming where the texture of this soil is relatively keepy—the cloy looms and the clays. The heavier textured soil have greater water remarkus captch; by the however the lighter smally looms.

648,919

TOTAL .....acres

In areas where the spassity of precipitation is marked to such an extent that strigation becomes necessary to carry or arable farming, the lighter textured sols, are forecured. This is particularly true in the production of root crops and other crops requiring intensive cultivations.

Another factor is the presence of certain alkali salts, and the structure of the salts which permits these to accumulate and form unproductive sacts.

The United Irrigation District whose source of water supply is the Belly River, is characterized by medium to heavy textured soils, and fisse soil characteristics apply more or less to the other districts of the Belly River group which included Mountain View, leavelf and Aten Irrigation Districts, Sheller soil characteristics apply, me general, in the Irrigation districts and projects of the 5% Many River group which included irrigation Districts and the 5% Many River group which included in Register and Reproduced Registration British and Milk Rivers Development

In the Bow Ever group, the ratio and feetures are sendy focus to loan with a very real smooth of losy. These soil feetures apply particularly to the Eadern Intigation District, shough light setumed used a dispersalment throughout the believe of this group to include the Messer Intigation District and soils predominant throughout the believe of this group to include the Messer Intigation District and soils are send, and the energy organization of the Messer Energy and district and soils are send engineering cause of the Milks and 25 Mery Evers Development of the 31. Mery Evers are visited.

project, and also to the Lethbridge Northern Irrigation District of the Oldman River group

Market for specially crap produce from Alberta Integration eras are longs. Illnine to rhose of the of the parity province become of competition of more disant pounts, Markets for ten wors or large principles products are confirmed to Calgary, Leibhridge, Medicine Het, and to the cocal learn writin in the district. A numeer of "dustries were been established on the Furgation center upon best fectories of Reyround, Pitcher Barte and Tider, and weeken canning fectories operating at Leibhridge, Caldiday, Pitcher Barte and Tider, and weeken canning fectories operating at Leibhridge, Caldiday. Produced the Caldiday of th

### CENTRAL ELECTRIC STATIONS & WATER POWER

Prepared by-

J.G. MacGregor, Chairman, Alberta Power Commission

J.L. Reid, Water Resources Branch



### CENTRAL ELECTRIC STATIONS

Alberta, with all its natural resources, is one of the potentially richest provinces in Congdo. Its meaning of all, natural ass. coal and chamicals aromise to turn it into an industrial area in the new future. One of the requirements of such an industria, area is a plentiful and cheap supply of Central Station electric power, Fartunately, Alberta is blessed with ample reserves for the development of almost unlimited electric power

The great rivers, rising in the glaciers of the mountains and flowing across the province, provide water power, and, where the land is suitable, "rrigation, There are six of these major water systems, the Bow, the Red Deer, the North Sakatchewon, the Athebaka, the Peace and the Slave, each of which is capable of graviding power. Same, such as the Baw, the Slave and the Athabaska, will produce large amounts. When completely developed they will produce many times the power that is now developed.

In water power alone, Alberta has more than 1,258,000 H F, of which only 215,000 H, P has been developed so far. Alberta's coal fields contain 46, 562, 000, 000 tons of mineable coal a that is more than half of all the mineable coal in Canada - so Alberta need not have any warries about a shortage of power in the future.

At December 31st, 1953, Alberta's steam, hydro and internal combustion power plants had a total capacity of 362,282 K.W., and during that year generated 1,340,606,703 K.W.H. of electricity.

In addition to Alberta's resources of water power and its tremendous coal supply, it is also blessed with an abundance of natural gas and oi. A.l of these put together make Alberto one of the richest provinces from the standpoint of energy. Twenty years ago only of few visionaries paid any head to the great supplies of energy, or to their uses, or to the fact that Canada was rapidly using more and more electric power and needed great sources of energy. This question is being studied today, not only by visionaries, but by practical men in the power industry and in all the Governments of Canada. It is a very pertinent groblem today. This is a power-hungry gas. Energy is perhaps our most important single commod by. Its use all over Canada and this continent is rising rapidly. It will not be long before Canada's fifty m I can harse gower of available water power will be approaching the point where it will. be fully developed. Long before that point is reached more and more industries needing power will be ruming to Alberta's coal fields

In 1953 Alberta had shortly over 360,000 K.W. in generating plants. Taking into account only the province's ordinary growth the requirements are expected to be 740,000 K. W. by 1962, an increase of 380,000 K.W. From studies made by the Alberta Power Commission it is expected that this power will be obtained as follows from hydro, possibly an additional 150,000 K.W., from steam power punts, an additional 290,000 K.W.

The hydro power will, in all probability, be developed on the Bow River and on the head waters of the Saskatchewan River. Many of Alberto's steam power plants are now fired with natural pas. It is noscible that additions will be made to these steam plants but it is expected that the major increase in steam plants will be coal-fired units. In these new coal-fired plants the coal will be strip-mined, delivered to the plants by conveyer belts, pulverized and blown into the furnaces. For this reason, these plants will be located on seams of coal, Since a steam plant takes a great deal of water for cooling purposes, these plants will have to be located on takes, such as Wabamun or Piaeon Loke, or on a river, such as the Saskatchewan or the Red Deer, where either of these flows through a seam of coal.

There is an interconnected system of power plants and transmission lines which connect all the major towns and villages in the province south of the Athabaska River. This system, in 1953, had combined capacity of 349,000 K W and generated 1,315,549,489 K W H, and served 209,422 customers. th accounts for 97 per cent of the generating capacity of the province, 98 per cent of the K W.H. generating and 94 per cent of the number of customers

There are same more or less isolated systems serving two or three towns such as that with the power plant at Athabaska serving the towns of Coluntan, Meanook and Rochester, and that at Mayerthorpe serving the towns of Greencourt, Mayerthorpe, Rochfort Bridge and Sangudo There are other 'solated towns which have plants serving only the customers in the town. Typical of these are Jasper, Edson, Fort McMurray, Lac La Biche and High Prairie.

In addition to these there is the Peace River Country system where Northland Utilities serve practically all the towns north and east of the Peace River and Canadian Util't es serve nearly all of the lower south of the Peace. This Peace River system in 1953 had a capacity of 6.095 K.W. in Internal combustion power plants. It generated 15, 466, 201 K W H and served 7, 068 customers. The following statistics are for the Province as a whole. Total capacity of power plants as of December 31st, 1953. 362, 282 K.W. These plants generated 1,340,608,703 K.W.H. and served 222,285 customers, including farmers.

### TABLE 31 — PLANT CAPACITY, PEAK LOAD AND ENERGY GENERATED BY CENTRAL ELECTRIC STATIONS, CLASSIFIED BY TYPE OF OWNESHIP - ALBERTA, 1953

#### PRIVATELY CHINED:

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Plant Capacity Dec.31/53 K.W.	Peak Load on Plants During 1953	K.W H. Generated Net = 1953
163,000 30,195 6,110 12,500 2,388 214,193	157,800 28,200 4,235 11,300 1,400	795,369,200 100,097,579 13,174,627 25,833,710 2,116,426 936,591,542
90,000	78,000	287,905,800
10.700		903,000
		32,610,100 80,980,800
		1,617,461
148,089		404,017,161
362,282		1,340,608,703
	Dec. 31/53 K.W. 163,000 195,0195 90,195 101 12,500 2,388 2114,193 90,000 13,500 43,400 145,089	Dec. 31,65 K.W. During 1933 (44),000 157,800 (50,116) 26, 200 (50,116) 27,

TABLE 32.—PLANT CAPACITY, PEAK LOAD AND ENERGY GENERATED BY CANSAIRED BY METHOD OF GENERATIONS, ALBERTA, 1953

HYDRO			
Name of Company;	Plant Capacity Dec.31/53 K.W.	Peak Load on Plants During 1953	K.W.H. Generated Net = 1953
Calgary Power Ltd. North-and Utilities Ltd. Total	163,000 666 163,666	157,800 450	795,369,200 2,959,987 798,329,187
STEAM:			
Canadian Utilities Etd East Kootenay Power Co. Ltd. " City of Edmanton City of Calgary"* City of Lethbridge City of Medicine Hat Total:	27,000 12,500 90,000 13,500 43,400 186,400	25,500 11,300 78,000 6,900 8,200 39,100	91,946,879 25,833,710 287,905,800 903,000 32,610,100 80,980,800 520,180,289
INTERNAL COMBUSTION:			
Canadian Util Ires Etd. North and Jithlines Etd Town of Edson Miscelaneous Plants Total	3, 195 5, 444 1, 189 2, 388 12, 216	2,700 3,785 450 1,400	8,150,700 10,214,640 1,617,461 2,116,426 22,099,227
GRAND TOTAL.	362,282		1,340,608,703

The East Knotenay Power's plant is located at Sentinel some two or three miles inside the Alberta border. While this energy is generated in Alberta, most of it is exported to British Columbia.

<sup>\*\*</sup> Operated by Calgary Power Ltd. Dismontled during 1953.

Per Cent

## TABLE 33.— RELATIVE POSITIONS OF HYDRO, STEAM AND INTERNAL COMBUSTION, AND OF PUBLICLY OWNED AND PRIVATELY OWNED PLANTS, ALBERTA – 195.

#### METHOD OF GENERATION

	of Power Generated	of Capacity
Hydro Steam Internal Combustion	59.5 38.8 1.7 100.0 %	45.2 51.5 3.3 100.0 %
TYPE OF OWNERSHIP		
Pub Icly Owned	30.1 69.9 100 0 %	40.9 59.1 100.0%



The following list shows the companies or municipalities which generate or retail power to their sustainers:

COMPANIES OR MUNICIPALITIES GENERATING AND RETAILING POWER TO CUSTOMERS

Name of Company	Head Office Address
Ca gary Power Ltd	140 - 1st Ave. W., Calgary 10529 Jasper Ave., Edmonton

10042 - 109th St , Edmonton

Northland Uti Ities Ltd -----

78

(Cont'issed)	
Name of Company He	ad Office Address
San Kosteway Presis Corapport Ud Scothern Usilinase Co. 18 d Hosper's Esterol's Hosper's	Fernie, B.C. Coorts Coorts General Sections Blue Ridge Boyle Consort Chisholm Empress Entwistle Foust F1. Mc Murroy F2 Vermillion Hilda Kinuso Marcosol Marcosol Soliteryriew Whatecourt Winfield Edmonton Leithbridge Medicine Het Edson
TOWNS AND CITIES PURCHASING AND RETAILING POWER TO RESID	EINID

Town of Fort Macland

Town of Ponoka

City of Calgary City of Red Deer Town of Cardston

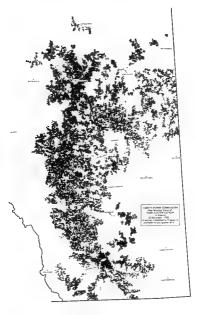
Whitlook Electric purchases power and retails it to the inhabitants of Forest Lawn.

All towns and villages and the subjority of the hamilest in the Province not mentioned above are served at retail by one of the Power Companies.

TABLE 34 --- ALBERTA FARM ELECTRIFICATION AS AT DECEMBER 31, 1953

	Forms Connected No.	Non- Forms No	Homlet Customers No.	Total Non-Farm Customers No.	Total Served Off Farm Lines No.
Experimental Areas Completed R E.A.s Individual Rurals Farms Supplied by Cities, etc.	19,081	371 971	385 1,769	756 2,740	3,544 21,821 2,013 299
Total Actually Served:	24,181	1,342	2,154	3,496	27,677

Total Actually Served:	24,181	1,342	2,154	3,496	27,677
	UND	R CONS	TRUCTION*		
	Forms Under Construction No.	Non= farms No	Hamlet Customers No	Total Non-Farm Customers No.	Total Served Off Farm Line No.
New Areas		42	190	232	2,356 531
Total Under Construction, *Under Construction Includes a	2,655 my forms at any	42 stage of	190 construction	232 from stoking to ene	2,867



en

service but construction of power lines had not begun.

As of January 1st, 1954, 2,699 farmers in new areas and 1,647 farmers in old areas had requested The prayings table shows the number of forms being served in the province. At the end of December

1953 a total of 24,181 forms had Central Station service. During the year 1953, 6,126 forms were connected to the lines.

There are 84,315 forms in the province. It is expected that ultimately 80 per cent of these, or about 67,000 will be served by Central Flectric Station power, Company officials hope to connect these at the rate of 5,000 per year for the next several years.

The Power Commission has estimated that the average consumption per form in Alberta during 1953 was 2,783 K W.H. per year

The K.W.H. used per form per month is sow when the form is first connected, but increases rapidly during the first year or so "Since 6, 126 forms were connected in 1953, the consumption of these will be low. This will have the effect of making an overcogn figure for K.W.H., per form per year seen. lower than it would actually be if all farms had been connected for a period of, say, three years. When, therefore, this figure of 2,783 K.W. H. per form per year is used, we should realize that the average farm that has been connected for three years will use a great deal more than this.

It is estimated that average consumption will be in the neighbourhood of 3,600 K W H per farm per year when all farms are electrified

During 1953 forms in Alberta used 3.7 per cent of the K.W Hill generated in the province. They accounted for 6.7 per cent of the peak load. The amount of power used by forms will never be large in comparison with that used in the rest of the province. The Power Commission estimates that by 1960 this may reach 6 per cent of the total power used.



YEAR	AR ESTABLISHMENTS		ms.	CAPITAL	ENM OVERS	SALARIES AND
	COMMERCIAL	MUNICIPAL				WAGES
	NO.	NO.	NO.	\$	NO.	5
1931	47		36	27, 556, 411	813	1,083,651
1941	62	10	72	30, 086, 170		1 149, 971
1942	64	10	74	33,894,380		1, 271, 463
1943	66	10	76	35, 322, 371		1, 235 336
1944	68	11	79	22.244,271	785	1, 312, 389
1945	67	15	75		631	1,462,159
1946	59	"	77		973	1,686,745
1947		10	95		958	2,145,647
1940	88	10	98		1 210	2, 634, 507
1949	79	10			1,357	2,475,116
t950	85		92		1,378	3,433,796
1951	NA.		93		1,379	3,929,431
* NOT RE	METED	-			1,070	2,545,451
1101111						
	POLE LINE	EXPENSES	CUSTOMS	RS K, W, HOURS	REVIENUE	PRIMARY
	MILEAGE	any areas	00010011	GENERATED	-1272102	POWER
	MELES		NO.	K W HRS.		H.P.
1931	3. 729	2, 359, 702	76,964	205, 982, 90		150, 627
1941	4,410	3,067,766	93, 526	319,743,00		165,943
1942	4, 252	1,493,319		416,704,45		188, 947
1943	4.328	3,451,564	100, 591	512, 953, 00		195,329
1944	4. 534	3, 967 659	105, 398			216,958
1945	4,782	4, 296, 824	112 433	865, 744, 00		222,500
1946	5, 450	4,527,764	121,312	602 048,00		217, 152
1947	6, 271	3,577,099	130, 934	641, 331, 00		230,361
1948	7,552	6,516,153	141,876	724, 498, 00		240, 725
1949	10, 103	9,766,623	156, 945	800, 729, 00		295, 789
1950	12, 108	9,210,955	171,998	889, 964, 90		297,359
1951	15, 125	10,314,425	185, 794	996, 945, 00		375, 277
			· Y011	PMENT		
	WASHING.	***				
YEAR	WATER	WATER WE	REELS AND TU	MBINES S	TEAM ENGINE. 5TO	
YEAR	POWER	WATER WE	SEELS AND TU	MBINES S	TERNAL COMBUST	TON ENGINES
YEAR		WATER WI	CAPACITY	MBINES S AVERAGE		TON ENGINES TY AVERAGE
YEAR	POWER PLANTS		CAPACITY	AVERAGE CAPACITY	GAPACI:	TON ENGINES TY AVERAGE CAPACITY
	POWER PLANTS NO.	NO.	CAPACITY H, P.	AVERAGE CAPACITY H.P.	CAPACI:	TON ENGINES TY AVERAGE CAPACITY H, P,
1931	POWER PLANTS NO. 6	NO. 18	CAPACITY H.P. 69, 520	AVERAGE CAPACITY H.P. 3,862	NO, H.F. BS 55,827	TON ENGINES TY AVERAGE CAPACITY H, P. 709
1931	POWER PLANTS NO. 8 4	NO. 18 9	CAPACITY H. P. 69, 520 68, 160	AVERAGE CAPACITY H.P. 3,862 7,575	TERNAL COMBUST CAPACI: NO, H.F. 83 58, 827 132 78, 800	TON ENGINES TY AVERAGE CAPACITY H. P. 709 397
1931 1941 1942	POWER PLANTS NO. 6 4	NO. 18 9 16	CAPACITY  K. P. 69, 320 68, 160 91, 160	AVERAGE CAPACITY H.P. 3, 862 7, 575 2, 118	TERNAL COMBUST CAPACI: NO, H.F. 88 58, 827 132 78, 800 139 78, 800	TON ENGINES TY AVERAGE CAPACITY H, P, 709 397 571
1931 1941 1942	POWER PLANTS NO. 6 4 3	NO. 18 9 16	CAPACITY H. P. 59, 320 68, 160 91, 180 91, 100	MBINES S AVERAGE CAPACITY H.P. 3,862 7,575 9,116 10,111	TERNAL COMBUST CAPACE NO. H.F. 83 55,827 132 78,834 138 78,834 146 55,368	TON ENGINES TY AVERAGE CAPACITY H, P, 709 397 571 592
1931 1941 1942 1943	POWER PLANTS NO. 6 4 9 4	NO, 18 9 16 9	CAPACITY  H, P, 69, 320 68, 160 91, 160 91,000 91,000	MBINES S AVERAGE CAPACITY H.P. 3, MC2 7, 575 9, 118 10, 111 10, 111	TERNAL COMBUST CAPACI: NO. H.F. 88 53, 827 132 78, 804 138 79, 804 146 54, 366 153 104, 983	TON ENGINES FY AVERAGE GAPACET H, P. 709 397 571 592 699
1931 1941 1942 1943 1944	POWER PLANTS NO. 6 4 3	NO. 18 9 16	CAPACITY H. P. 99, 320 68, 160 91, 160 91, 000 91,000 91,000 91,000	NBINES S AVERAGE CAPACITY H,P, 3,852 7,575 9,118 10,111 10,111	TERNAL COMBUST CAPACI: NO. H.F. 88 55,827 132 78,801 146 56,366 183 106,983 186 112,857	TON ENGINES FY AVERAGE GAPACITY H, P. 709 397 571 592 699 723
1931 1941 1942 1943 1944	POHER PLANTS NO. 6 4 3 4 4 4 4	NO. 18 9 16 9 8	EELS AND TU CAPACITY H, P. 69, 320 63, 150 91, 180 91, 000 91, 000 91, 000 91, 000	DRBINES S D  AVERAGE CAPACITY H.P. 3, 862 7, 575 9, 118 10, 111 10, 111 10, 111 10, 111	TERNAL COMBUST CAPACI: NO. H.F. 88 55,827 132 75,800 138 78,800 146 54,366 189 106,989 186 112,637	TON ENGINES  TY AVERAGE  CAPACITY  H. P.  709  397  571  592  692  723  662
1901 1941 1942 1943 1944 1945 1946	POHER PLANTS  NO. 6 4 3 4 4 4 4 13	NO, 18 9 10 9 9 9	EELS AND TO CAPACITY H, P, 69, 320 68, 150 91, 160 91, 000 91, 000 91, 000 91, 000 91, 000 91, 000	NBINES S AVERAGE CAPACITY H.P. 3, 862 7.573 9,118 10,111 10,111 10,111 10,151 10,450	TERNAL COMBUST CAPACE! NO. H.F. 83 58,827 130 78,800 146 56,366 153 06,899 186 112,637 162 107,189	TON ENGINES TY AVERAGE CAPACITY H, P, 709 387 571 592 692 692 692 850
1931	POHER PLANTS NO. 6 4 3 4 4 4 4	NO. 18 9 16 9 8	EELS AND TU CAPACITY H, P. 69, 320 63, 150 91, 180 91, 000 91, 000 91, 000 91, 000	DRBINES S D  AVERAGE CAPACITY H.P. 3, 862 7, 575 9, 118 10, 111 10, 111 10, 111 10, 111	TERNAL COMBUST CAPACE! NO. H.F. 88 55, 827 132 78, 800 139 79, 800 146 56, 366 183 306, 899 186 112, 857 162 107, 189 128 107, 081 128 107, 081	TON ENGINES TY AVERAGE CAPACET H.P., 709 397 571 992 699 723 692 850 852
1931	POHER PLANTS NO. 6 4 3 4 4 4 4 4 13 13	NO, 18 9 10 9 8 8 8	EELS AND TU CAPACITY H, P. 69, 320 68, 150 91, 160 91, 000 91, 000 91, 000 91, 000 104, 300 104, 300	RBINES S  AVERAGE CAPACITY H.P. 3, 802 7, 575 9, 118 10, 111 10, 111 10, 111 10, 111 10, 110 10, 140 9, 257 10, 450 9, 277	TERNAL COMBUST CAPACE! NO. H.F. 83 55,827 132 78,800 138 78,800 146 56,386 183 106,991 186 112,837 162 107,189 128 107,091 126 117,282	TON ENGINES TY AVERAGE CAPACHT H. P. 709 397 571 592 692 692 692 850 8562 1 225
1901	POHER PLANTS NO. 6 4 9 4 4 4 13 13 13	NO. 18 9 16 9 8 8 8 10 10	CAPACITY H. P. 69, 320 68, 150 91, 160 91, 160 91,000 91,000 91,000 104,500 104,300 105,300	RBINES S AVERAGE CAPACITY H.P. 3.852 7.575 9.118 10.111 10.111 10.111 10.450 10.450 8.573 2.573	TERNAL COMBUST GAPACT BIG., H.F., 83 55,827 132 78,802 133 76,804 146 55,365 183 106,893 186 112,827 162 107,189 128 107,091 139 117,282 140 171,320 140 171,320	TON ENGINES TY AVERAGE CAPACITY H.P. 709 397 571 932 699 723 692 850 652 1 225 f,255
1931	POWER PLANTS NO. 8 4 3 4 4 4 13 13 13	NO. 18 9 16 9 8 8 8 8 9 10 10 10 11	CAPACITY  H, P. 69, 20 60, 160 91, 160 91, 160 91, 000 91, 000 91, 000 100, 300 100, 300 100, 300 200, 900 200, 900	RBINES S  AVERAGE CAPACITY H.P. 3, 802 7, 575 9, 118 10, 111 10, 111 10, 111 10, 111 10, 110 10, 140 9, 257 10, 450 9, 277	TERNAL COMBUST CAPACT NO., H.F. 88 SS, 827 132 78, 804 146 50, 388 188 612, 827 188 107, 098 128 107, 098 128 107, 098 128 107, 288 139 171, 528 130 171, 528 133 192, 009 133 192, 009	TON ENGINES  AVERAGE  CAPACET  H.P.  70  397  571  592  699  723  602  850  852  1 225  1,274
1901	POHER PLANTS NO. 6 4 9 4 4 4 13 13 13	NO. 18 9 16 9 8 8 8 8 9 10 10 10 11	EELS AND TU CAPACITY H, P, 69, 320 69, 150 91, 160 91, 000 91, 000 91, 000 91, 000 104, 500 105, 300 105, 300 105, 300 195, 900 9798ANGS	NBINES S AVERAGE CAPACITY H.P. 3.862 7.575 9.116 10.111 10.111 10.111 10.405 10.405 10.405 10.405 10.405 10.405 10.405 10.405 10.405 10.405 11.727	TERNAL COMBUST GAPACE  NO. H.F., 88 58,822  132 78,802  133 78,802  136 56,388  186 112,807  186 117,180  196 107,180  196 107,180  196 107,180  198 107,180  198 107,180  198 107,180  198 107,180  198 107,180  198 107,180  198 107,180  198 107,180  198 107,180  198 107,180  198 107,180  198 107,180  198 107,180  198 107,180  198 108,187  AUXILIAN	TON ENGINES  AVERAGI  CAPACITI H.P.  709  571  571  692  692  692  692  1225  1,225  1,274  TOTAL.
1901	POHER PLANTS NO. 6 4 9 4 4 4 13 13 13	NO. 18 9 16 9 8 8 8 8 9 10 10 10 11	CAPACITY  H, P. 69, 20 60, 160 91, 160 91, 160 91, 000 91, 000 91, 000 100, 300 100, 300 100, 300 200, 900 200, 900	RBINES S AVERAGE CAPACITY H.P., 3.862 7.575 9.118 10,111 10,111 10,111 10,111 10,111 10,430 10,430 9.577 9.572 AVERAGE	TERNAL COMBUST CAPACIT 88 53,827 132 78,800 146 52,961 185 106,961 186 112,837 186 117,283 196 117,132 196 117,132 193 193,000 194 17,132 193 183,377	TOT NOT TOTAL  PLANT  TOTAL  PLANT  TOTAL  PLANT  TOTAL  PLANT  PLANT  TYPANT
1931	POHER PLANTS NO. 6 4 9 4 4 4 13 13 13	NO. 18 9 16 9 8 8 8 8 9 10 10 10 11	EELS AND TU CAPACITY H, P, 69, 320 69, 150 91, 160 91, 000 91, 000 91, 000 91, 000 104, 500 105, 300 105, 300 105, 300 195, 900 9798ANGS	RBINES S AVERAGE CAPACITY H.P. 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1	TERNAL COMBUST CAPACIT  NO. H.F. 88 55,822 138 75,906 146 55,427 138 77,904 146 15,905 186 112,805 186 112,805 186 117,826 186 117,826 181 117,826 183 184,917 185 184,917 185 185 185,917 185 185 185 185 185 185 185 185 185 185	TON ENGINES  EY AVERAGE  CAPACITY H.P. 109 1 397 1 591 1 992 1 692 1 293 1 692 1 125 1 127 1 128 1 127 1 128 1 127 1 128 1 127 1 128 1 127 1 128 1 127 1 128 1 127 1 128 1 129
1931 1941 1942 1944 1945 1947 1947 1948 1949	POHER PLANTS NO. 6 4 9 4 4 4 13 13 13	NO. 18 9 10 9 9 9 9 10 10 11 11 11	EELS AND TU  CAPACITY  H. P. 69, 320 68, 150 31, 160 31, 160 31, 160 31, 000 3	RBINES S AVERAGE CAPACITY H.P., 3,862 7.5375 9,118 10,111 10,111 10,111 10,111 10,480 10,480 10,480 10,480 10,480 2,372 2,372 AVERAGE CAPACITY KVA	TERNAL COMBUST CAPACIT NO. H.F. 88 53,822 138 79,900 138 79,900 146 52,900 155 100,993 162 107,198 156 117,262 157 100,993 158 100,993 150 107,993 150	TON ENGINES  (AVERAGE  CAPACITI  H, P.  709  397  571  592  692  692  682  850  1 225  1 225  1 225  1 227  TOTAL  PLANT  EQUIPMEN  HP.
1901 1941 1942 1944 1946 1946 1946 1949 1950 1951	POHER PLANTS NO. 6 4 9 4 4 4 13 13 13	NO, 18 9 16 9 8 8 8 10 10 111 111 15	CAPACITY  H. P. 69, 320 62, 180 91, 180 91, 180 91, 180 91, 000 91, 000 91, 000 104, 300 105, 300 105, 300 105, 300 200, 900 8979AAHOS CAPACITY  KYA 104, 677	RBINES S AVERAGE CAPACITY H.P. 1, 500 10, 111 10, 111 10, 111 10, 111 10, 110 10, 430 11, 111 10, 430 10, 430 10, 430 10, 430 11, 111	TERNAL COMBUST CAPACE  NO. H.F. 88 53,820 138 77,800 146 52,800 162 107,800 162 107,800 163 107,800 163 107,800 164 107,800 165 113,800 165 113,800 165 117,820 166 117,820 167 187 187 187 187 187 187 187 187 187 18	TON EXCISES  EY AVERAGE  CAPACITY  H.P.  109  387  387  381  382  682  1325  682  1325  1,234  1,235  1,237  TOTAL  PLANT  H.P.  150,627  150,627  150,627  150,627  150,627  150,627  150,627  150,627  150,627  150,627  150,627  150,627  150,627  150,627  150,627
1931 1941 1942 1944 1944 1947 1947 1949 1949 1949 1949	POHER PLANTS NO. 6 4 9 4 4 4 13 13 13	NO. 18 9 16 9 8 8 8 8 10 10 11 11 15 NO.	EELS AND TU  CAPACITY  H. P. 69, 320 68, 150 31, 160 31, 160 31, 160 31, 000 3	RBINES S AVERAGE CAPACITY H.P., 3,862 7.5375 9,118 10,111 10,111 10,111 10,111 10,480 10,480 10,480 10,480 10,480 2,372 2,372 AVERAGE CAPACITY KVA	TERNAL COMBUST  NO. H.F. 88 53,823 138 79,000 138 79,000 146 50,953 162 107,198 162 107,198 164 117,262 153 182,009 124 107,198 125 123 182,009 125 125 125 125,009 127 127 127 127 127 127 127 127 127 127	TON ENGINES  EY AWERAGE  CAPACIT  TOP  TOP  TOP  TOP  TOP  TOP  TOP  T
1901 1942 1942 1944 1946 1946 1947 1948 1949 1949 1949	POHER PLANTS NO. 6 4 9 4 4 4 13 13 13	NO. 15 9 16 9 9 9 9 10 10 10 11 11 15 NO. 96 134	EELS AND TU  CAPACITY  H, P,  59, 229  54, 169  31, 169  31, 169  31, 000	DESINES S DAVERAGE CAPACITY 13, 1981 13, 1981 13, 1981 13, 1981 14, 1981 18, 1981 1981	TERNAL COMBUST CAPACIT CAPACIT NO. H.F. 88 53, 82 51 132 73, 804 1138 77, 804 1159 106, 995 1162 107, 198 1159 1162 107, 198 1159 117, 202 117, 198 117, 202	TOTAL
1931 1941 1942 1944 1944 1947 1947 1949 1949 1949 1949	POHER PLANTS NO. 6 4 9 4 4 4 13 13 13	NiG, 18 9 16 9 8 8 8 10 10 11 11 11 15 NG. 96 134 137	CAPACITY  H. P. 69, 220 69, 180 91, 180 91, 180 91, 180 91, 800 91, 800 91, 800 100, 300 100,	NBINES S AVERAGE CAPACITY H.P. 3, 862 7, 375 9, 1111 10, 1111 10, 1111 10, 1111 10, 1111 10, 1111 10, 111 10,	TERNAL COMBUST  APACE  NO. H.F.  88 53,822  132 73,905  133 73,905  134 95,905  136 105,905  136 107,000  136 107,000  133 168,977  AUXILIA  PLANT  FOURTHER  FUND  12,100  12,100  13,100  13,100  14,100  15,100  15,100  15,100  15,100  15,100  15,100  15,100  15,100  15,100  15,100  15,100  15,100  15,100  15,100  15,100  15,100  15,100	TON ENGINES  Y AVERAGE  CAPACIT  TOP  TOP  TOP  TOP  TOP  TOP  TOP  T
1931 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1941 1942	POHER PLANTS NO. 6 4 9 4 4 4 13 13 13	NG, 15 9 9 9 10 10 11 15 15 16 16 17 17 17 17 17 17 17 17 17 17 17 17 17	EELS AND TU  CAPACITY  H, P,  59, 229  54, 169  31, 169  31, 169  31, 000	DRINES S 20 AVERAGE CAPACITY 13, 1981 19, 1911 10, 480 13, 480	TERNAL COMBUST CAPACIT CAPACIT NO. H.F. 88 53, 82 51 132 73, 804 1138 77, 804 1159 106, 995 1162 107, 198 1159 1162 107, 198 1159 117, 202 117, 198 117, 202	TOTAL
1931 1941 1942 1942 1943 1944 1946 1947 1948 1949 1940 1941 1941 1944 1944 1944 1944 1944 1944	POHER PLANTS NO. 6 4 9 4 4 4 13 13 13	NG, 18 9 16 9 8 8 8 10 10 11 11 12 13 145 145 145	CAPACITY  H. P.  55, 220  55, 120  51, 100  11, 000  11, 000  11, 000  11, 000  100, 3	NBINES S AVERAGE CAPACITY N.P., 1, 862 7, 375 9, 1111 10, 111 10, 111 10, 111 10, 111 10, 140 10, 450	TERNAL COMBUST CAPACIT CAPACIT CAPACIT STATE	TON ENGINES  Y AVERAGE  CAPACIT  TOP  TOP  TOP  TOP  TOP  TOP  TOP  T
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1901 1941 1942 1943 1944 1945 1946 1947 1949 1949 1949 1940 1941 1944 1944 1944 1944 1944 1944 1944 1944 1944 1945 1945 1946 1947	POHER PLANTS NO. 6 4 9 4 4 4 13 13 13	NG, 1# 9 16 9 8 8 8 10 10 11 11 12 NG, 96 134 145 152 169	CAPACITY  H. P.  59, 220  51, 160  51, 160  51, 160  51, 160  51, 160  51, 160  51, 000  51,	NBINES S AVERAGE CAPACITY M. P. 1111 10, 1111 10, 1111 10, 1111 10, 1111 10, 1111 10, 1111 10, 1110 10, 110 10 10, 110 10 10, 110 10 10, 110 10 10, 110 10 10, 110 10 10, 110 10 10, 110 10 10, 110 10 10, 110 10 10, 110 10 10, 110 10 10, 110 10 10, 110 10 10, 110 10 10, 110 10 10, 110 10	TERRAL COMBUST CAPACITY CAPACI	TOTAL PLANT TOTAL
1931 1941 1942 1943 1945 1946 1947 1949 1949 1940 1941 1941 1944 1944 1944 1944 1944 1944 1944 1944 1944 1944 1945 1945 1946 1947	POHER PLANTS NO. 6 4 9 4 4 4 13 13 13	NO. 15 9 9 16 17 17 17 17 17 17 17 17 17 17 17 17 17	CAPACITY  H. P.  55, 220  61, 100  11, 000  11, 000  11, 000  11, 000  100, 300  100,	NORMEN S NOR	TERNAL COMBUST ( APACE  BIO, H.F.  BI 53, 822  146 55, 187  146 57, 186  159 109, 187  150 112, 657	TOTAL
1931 1941 1942 1943 1945 1946 1946 1947 1948 1951 1951 1951 1951 1951 1951 1951 1954 1955 19	POHER PLANTS NO. 6 4 9 4 4 4 13 13 13	NO. 18 9 10 10 10 10 11 11 11 11 11 11 11 11 11	CEELS AND TU  CAPACITY  II, P.  89, 220  61, 160  91, 160  91, 160  91, 160  91, 160  91, 160  91, 160  100, 300  10	MRBINES S 3 AVERAGE 19	TERRAL COMBUST CAPACIT	TOTAL
1901 1941 1942 1943 1944 1945 1946 1947 1949 1951 1951 1961 1961 1964	POHER PLANTS NO. 6 4 9 4 4 4 13 13 13	NG, 18 9 16 9 16 17 16 17 16 17 17 17 17 17 17 17 17 17 17 17 17 17	CAPACITY  11, 19  12, 19  13, 190  14, 190  15, 190  15, 190  15, 190  15, 190  16,	NORMEN S 2 AVERAGE B B AVERAGE B AVERAGE B AVERAGE B B B B B B B B B B B B B B B B B B B	TERRAL COMBUST CAPE  CAPACITY  AND CAPE  132 78,000  146 85,77  146 12,802  152 107,199  158 112,802  158 117,000	THE PROPRIES OF A STATE OF A STAT

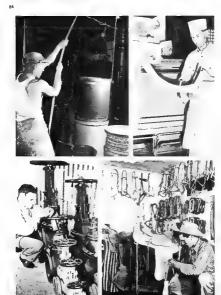
Tax. 1 35. - PRINCIPAL STATISTICS CENTRAL ELECTRIC STATIONS ALBERTA, 1931 AND 1941 1951

193- 1961 1962 1963 1964 1965 1967 1967 1968 1969 1969 1969	CUSYOM. ERS NO. 1 264 1 620 1 39 2 233 3 399	K, W HOURS K, W HRS.	REVENUE EARNED \$	CUSYO	96 56 K 1	e Bed	TOM.	K W	REVENUE EARLIED	CUSTON.	
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	019704		REVENUE	THE	PD		19064	SMALL	OWER GUID	CH SO K.W.)	
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1925	18 434	63,450 000	2,486 413	124.27	63	4.1	1902	31 375,000	944, 162	152 48	
944	21 158	4E 175,000	2 642 90?	134 97	631	4.1	51	27 859 899	625 450	155 (6)	
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			Er JiSkraki								
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		1961	95.5	136	222 496,000	5 280 Sec	70.47	023			
		1942	DE C	p72 .	454 \$96,000	2 292,056	24.36	947			
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TOP - STRAMBOURS MANEN ACTURE LONGS ASSCRAFT REPAIR



In past reports, due to rack of new and batter information, we have been using old Dominion Water Power Branch Figures for undeveloped water power. These figures have been based or marrly on natural flow and natural fall. On further examining these streams we find that some of them are being almost totally used for irrigation and in the case of others the power potential has been revised due to the possibility of stargos and high heads

At the present time the major water power development in the Province has been by Calgary Power Ltd. The present natalled capacity is 209,050 H P, and storage capacity 585,000 acre feet. By the end of 1954 with the completion of the Ghost Extension of an additional unit of 30,000 H.P. and the completion of the Bearspaw Project of 22,000 H P. the Company will then the says an exital led capacity of 261,050 H P. There will be no increase in storage. The order in which these plants have been built and their conducties are indicated in the table below

On examining the records it is found that the total power potential recorded by the Dominion Water Power Branch for the Bow and Cascade Rivers was 62,255 H P. We now find that by the end of 1954 we will have 261,350 H P developed on the Saw Erver including the 300 H P plant at Lake coulse. We also know of several more sites which can be developed

On the basis of this information and survives that have been conducted we are reassess no some of the streams in the Province

The Athabaska River was previously a ven by the Dominion Water Power Branch as 335,550 H. P. Surveys are at present being conducted on this river and results should be available in the near future From preliminary information obtained, it now appears that these developments both for storage and generation are large and cost y but it way a appear that 500,000 H. P. would be available

The only developed water power site in the Athabaska River Basin was brought into operation in 1949 by Northland Ut Littles Limited. This installation is located at the mouth of the Astoria R ver where It enters the Athobaska River just above the Town of Josper. This Jin this a Pelton Wheel type operating at ground 450 feet of head and penerates 665 H P and is part of the power system supplying the Town

The power potential of the North Sasketchewon River was previously estimated by the Dominion. Water Power Branch at 25,825 H P Surveys are at present being conducted on this river and these surveys will be based on the creation of storage. If the river is ever developed on a storage basis the above quoted Figure of power potential will be greatly exceeded

The Slave River near Fitzgeon d is also under arrowy at the present time.

The 17 region and discount propagations on easy style in 164 STREET, STORAGE IN ACRE FORT

DAME OF CONTRACTION	PARKET	NEAD IN PECT	DESCHIEST CF3	PROJECT		enoveer	GENELATING	RC10AEV5
B1	HORSCORDE PLANT	20	2750	20,000	JE 200			POPERAGE ONLY
9/2	LANZ YEIGEWHEN STORAGE				-0.096	48 820	84.000	
90	KANALISTS PLAT	77	1900	Te dire	3; 989		64 200	POND-45 E ONLY
1929	ENDER PLANT AND BYDEACS	מ פישו	You	y2 496	69 450	75. 380	17 250	
PROD	OPPER KARNINGSIS GINES STEELED				53 850	15 300	55.490	
1017	CASCAGE PEANT AND STORAGE	4,70 10/	100	3.000	77 450	00 THO	751 860	BENSACCO HIN MEVENO
101	UPPER KANANANIS LAIL STORACE				50 400	100 350	275 880	REPLACES FOR MOVEL OF
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BS.	STRAY NO STORMOS				100,404	211.000	545 890	
	ST THREE SISTERS IS NOT	65.70 15	mi	1 460	060		585, 900	
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	SE SENSON PLANT	100	400	21.000	157 556		595 000	
195	KNAMENS PLANT DEPOCTOR	70	1990	950	254 250		591,000	75492 MRT ADDED
1994 JUNE	GHOST PLANT	10g to: 15	3890	30 000	239 (9)		M1.010	THORD UNIT ADDRESS
899 BEG	pewaren	98	4980	× 890	264 090		369,000	PORDAGE ONLY

The other rivers in the south of the Province such as South Fork, Crowsnest, Oldman, Waterton, Be ly and Red Deer, are all being considered in irrigation projects and it is doubtful if they should be considered as power potential streams.

There are, no doubt, other inversithat will be utilized as present developments advance but knowledge is not sufficient to use any figures for their potential



POWER PLANT UNDER CONSTRUCTION

# MINERAL RESOURCES & MINING

Prenared in collaboration with-

C W. Jackman, Statistician, Department of Mines and Minerals,

R.S. Cooper, Statistician, The Patroleum & Natural Gas Conservation Board,

G.H. Finland, Secretary, Alberta & Northwest Chamber of Mines,

The Alberta Research Council.

ALBERTA

S-derives

PRODUCING ON, AND GAS FIELDS AND AREAS, OIL PIPE LINES, REFINERIES

PR NC PAL TOWNS AND CITIES

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Special Specials

Undoubtedly the most spectacular change in our provincial economy in recent years has been the tremendous expansion of the defroleum and nature, and industry. During the last eight years hundreds of millions of dol are have been invested in this industry. Vast reserves of oil and natural gas have been discovered, mousands of new we is have been or lied, a network of crude on p pelines has been laid and large modern refineries have been constructed. The ancillary effects of this enormous investment cannot be accurately measured but they are nevertheless very important. Furthermore the period of rapid expansion 's far from having ended. New discoveries occasion further "rounds" of well's to be drilled and nine ines to be laid.

The effects of this expansion are, of course, not confined within the provincial borders. Alberta crude a'l, which is now be'no sold in an area extending from the West coast of Conada to Onlores. supplies approximately 46 per cent of Canada's crude oil requirements. Plans are presently underway whereby natural cas w'll also be intarketed in an equally extensive orea

The history of Alberta's petroleum and natural gas industry dates back to the turn of the century After several flurines of activity the last and most important surge of expansion commerced with the dis-covery of the Leduc-Woodbend field in February 1947. Since that the new records have been established each succeeding year. The chart "A.berta Well Complet ans 1947-1953" indicates the magnitude of the expansion since that discovery. The number of well's producing crude oil has grown from less than 400 to 4500 as at the end of 1953. Reserves of coude oil and condensate have increased to an estimated L.P. biltion barrels.

The production of crude oil has must recently a sum'lar manner. Prior to 1947 there was only one region on field and average daily oil production of the Province was less than 30,000 barrels. In 1953 this product on rate averaged approximately 210,000 barrels per day. The chart "Average Daily Crude
Oil Production" indicates the most arough that has taken place in this amountant phase of the industry. while the table on "Crude Oi Production by Major Fields" reveals the extent of present oil producing gregs.

Naturally such an exponsion produced certain marketing problems. The total A berto refinery demand was soon saturated by available supplies and as a consequence new markets had to be developed. In order to meet this situation plans were made for the construction of a major pipeline out et. In 1950 the Interpray noist Pipeline was completed as Canada's largest pipeline. It extended from Edmonton to Superior, Wisconsin, and had an in'tial throughput capac'ty of 95,000 barrels per day. Since that time the line has been extended from Superior to Sarrie, Ontario and by looping and additional pump stations the present capacity out of Edmonton has been increased to approx mately 150,000 barrels per day.

Crude oil reserves continued to increase, however, and additional markets had to be developed. In 1953 the Trans Mountain pipeline was completed as Canada's second largest pipeline extending from Edwanton to the markets to be served on the West coast, Thus, today crude oil produced in Auberta can flow to markets in both the East and West. The importance of these markets located outside the Province can be seen by examining the chart on "Coude Oil Shinmants and Year-Fud inventories".

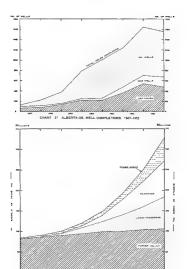
In addition to these major pipelines there are many gathering systems serving the producing areas Edmonton is the terminus of a system of pathering lines that bring in oil for refinery use and for shipment to points east and west.

Another, and a very important phase of the or, and ass industry is the consumption of the various products produced from petroleum. In the years fallowing World War 11 Canadians have consumed an increasing quantity of these products. In fact during this period the nation's consumption has more than doubled.

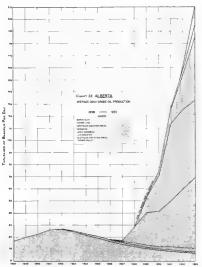
These increases have been responsible for both the construction of large new refineries and the ansion and modern zation of existing plants. Alberta has had a full share in these investments. Since 1947 three large refineries have been built at Edmonton. In total these plants have an average daily capacity of approximate y 35,000 barrels. The provincial daily refining capacity is now 70,000 barrels as compared to 21,000 barrels in 1947.

The construction of absorption or gas processing plants is, of course, directly related to oil and ous product or and conservation measures. Such plants process "wet" gas by extracting the by-products of natural gasaline, propone and butane and thus providing dry natural gas for market. As of 1954 there

are plants either operating or under construction in seven fields in the province



THAT THE UNITED THE MAJOR FIELDS ALBERTA, 1914-1925
(EARLIER YEARS DISTINCTED ALBERTA, 1914-1925)



Reference to chart on "Natural Gasoline, Propose and Butone Production" will indicate how this phase of the industry has expanded in recent years.

In 1952 elemental sulphur, another by-product, was produced for the first time. Today two plants in the province are extracting this chemical

Another partner in the refining and processing of petroleum and nature, gas is the petrochemical industry. The phenomenal increase in the eventability of chape by-products of refineries, which are the basic raw materials for the monocotrum of argamic schemicals, possibled with a strong desarral for the products of these chemicals, but provided the impetus for the development of this industry. Edenotion has followed Spania and Motherlan in becoming one of the petrobenical centries of first nortion,

Natural gas has been one of Alberto's suje; cases for every years. Today value and local critisty repties apply much of the whom population with this valueble product. Preven cultural gas reserved in the contract of the product of

The responsibility of effecting the conservation of o'll and gas resources within the province belongs to The Petroleum and Natural Gas Conservation Board, This Board operates under the authority of the Oil and Gas Resources Conservation Act, 1950

The employment engendered by the development of Alberta oil and gas reserves is of primary concern to the economy of the province. Approximately 2,000 persons were dependent on the operations of oil firms in 1946, by 1951 the number had risen to over 12,000 drawing solaries and wages of \$41.3 elilition and by 1952 to reserve 17,000 drawing \$61.3 elilition. A breakdown of the employment statistics by troe of constraints is also who because

	EMPLOYMENT STATISTICS, 1951–1952 (Compiled by Alberta Bureou of Statistics)									
Type of Operations		1951			1952					
	Male	Femque	Salaries * and Wages	Male	Female	Salaries * and Wages				
	No.	No.	\$	No.	No.	\$				
Administration	929	473	5,310,310	1,367	724	8,838,783				
Exploration 1	3,195	343	11,137,378	4,041	447	16,479,790				
Drilling	3,427	49	12,937,331	5,342	83	19,925,984				
Well Operators §	1,169	121	3,962,690	1,483	198	5,321,595				
Pipe Lines +	1,241	43	4,066,206	1,225	40	4,477,274				
Other Services =	1,119	70	3,838,735	1,634	110	6,288,643				
TOTAL	11,060	1,096	41,252,650	15,092	1,602	61,332,069				

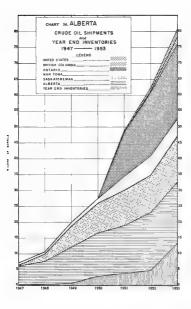
Salaries, bonuses, commissions, wages and withdrawals.

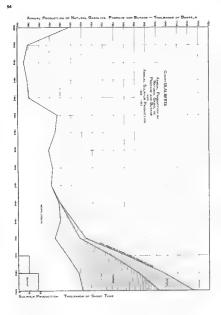
Geophysica, geologica, leasing, scouting and related services.
Including Flow Lines and related facilities.

Includes expenditures re slorage tanks, compressor stations, terminal loading facilities, etc.

Cementing, engineering consularits, acidizing, drill stem testing, gun perforating, packers, tool

Cementing, engineering continuous, according, offil stem testing, gun personating, packers, tool fishing services, formation testing, surveying, instrument services, etc., excluding wholesale and retail operations.





Of interest also is the breakdown of current and capito: expenditures by type of operation:

CURRENT AND CAPITAL EXPENDITURES

(Compried by Alberta B	Sureau of Statistics)	
Administration *	1951 \$ 25,624,408	1952 \$ 44,626,690
Exploration ¶	67,851,368	95,389,758
Drilling	76,317,625	101,179,272
Wel: Operators §	23,347,774	32,672,270
Pipe Lines +	22,302,358	36,399,510
Other Services =	3,227,280	4,615,562
TOTA .	218 670 813	714 882 062

This item includes some fees, roya ties, some capital expenditures, and some other unassigned expenditures.

The development of refining capacity and operations is discussed in the section on manufacturing



NEW AND OLD SOURCES OF WEAL TH

<sup>¶</sup> Geophysical, geological, leasing, scouting and related services.
§ Including Flow Lines and related facilities.

g including from Lines and related facilities.

Hincludes expenditures re-storage tanks, compressor stations, terminal loading facilities, etc.

Conventing, engineering consultants, acid zing, drill stem testing, gun perforating, packers, tool

fishing services, formation testing, surveying, instrument services, etc., excluding who esale and retail operations. The above figures do not include expenditures or employment statistics or refining or marketing operations.

TOTAL

DANDE OF PRODUCTION

VALUETION

VALUATION

TOTAL MINUS PRODUCTION

VALUATION

MATURAL DAS SALES -

NATURAL CASOLINE PRODUCTION

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	GEORFISICAL CHELS	9 40	15	111	46	22	10.6	130	442	23
	FOOTAGE OFFILED									

CRILLING HISS		20	90	40	85	27	190	188	41
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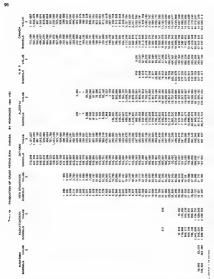
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SP - LABOUR STATISTICS PETROLENIA AND HATUSHA, GAS INDIFFERE ALBERTA FIX 1955

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+24.	2, 214, 216	511	578.940	187	563. BSS
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2 32	7 896 508	1. 25	2 654, 580	1.952	6,680,587
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ALT THE MODERALE EXPLOYER AND RESIDENCE STORMS AND ADDRESS OF STOR



### Y--- 47 Chief on Production By Major Felica Albert's, 1844-1833 Majorithes IN BARRELS

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+902	2 016 888	1 307 506	657 875	74,400	125,437	201.40	\$32 664	545,786	279 100	601 643	17 659,369
9957	1 487 550	5 257 700	010 HG	5, 988.7:5	105, 16	\$25,000	460 305	1 412.596	1 167 535	286,796	21 365-474
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	Production Proof:			SHOWER			EMMIL			SE IN	E.E.	etrusto)
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	400 MO 0	140 440 148 144	105 150		1 97 196	5 40 76 5 87 C	9 20 99	20 199, 2 207 410, 2 96 109 1	20 207 41 54 90.11		129 HE	360 360 16 360 691 38
	136 796 SH (75 54) SH	366 410		3.00 MH	St 600 Pr.				NG 80 15	1.960 H3.7	101.000 No. 500 TO 300	
- 1	196 196 275	561 410 566 470 568 817	50 000	16 77 855		27 7 5 000	W 488 550	90 SH /				NO. 500 E
	110 110 410	60° 150°	16 30 IK	ES 365	T 6 /6	28 TO TO	0 27 536	01 301	16 et. 50	0 M 21 4	ML 251	
		MO M	F 776 EN	26. W. 100	6 34 cb	E 70 50	A 00 10	2 MG 8				249 537 501 696, 598, 59 576, 656 231
												PT4 613. PU
	HS HA 95	261 542	7 (S. M.	1 30° Set 15 307 129	27 75 100 28 665 174	048,604,508 268.455 30	187 1 210	200 SH 4	Sin is 570-50		51 NO 196 NG	819 215 RV 575 725 748 2 579 349 541
0	1 0 GE 700	72 505	52 167 439	80 15	82 345 104	75 At 24	16 150 967	665 587 (	40 1.913.50	C 160 587 T	45.480	2,450,297 83

		95365	STERN COLUM				PRESE.	ALDERTA		
TAK	G490LPIE		NEWSSENE.	GPHEN.	701KL	defound		REPOSENE	OTHER	TOTAL
	DALS.	CILS.	64LB	DELT	0153	64.3	6405	GALB	64.0	<b>Q</b> 5L.5.
•••	) PH 481	26 105	N. Inter	7.70	4,105,900	75, 505, 707	2 SER SER	A 305 507	10, 295, 302	100 61 1
								4,751,700		
Q.		E 455 445	94, 495	560,876		79 475, 636				
	21 105 607			5 YES 20%	19 Sec. 19					
		787 417	475,760						19 262,946	
									11 476,482	
	4 416 162	4 687 346	195, 489	1,004.00	3 603.667					285.762
24.	6 556 Te2	3.566,17	16: 313	5,566 172					1' 047,005	563 551
	A 960, 641	* 857.95-		45 507 889	40 856 317					
		(2.045,41				dec per ser			72 996,908	457 196
91	25, 167 758	25 507 34	16 149	45,947.542	100,000,000	214 KW MS	64,704.065	3,555,680	184 167 10	541, 143.
			*********	175				MARITORI		
		eleter.					965,6423			
48	GREAT	FUG. 95-8	UEROSEO E	CHEK Stud	101x,	GARGURE DATE	F96.	KENDEENE	GALE.	507W.
							-44	44.5	SMLE.	64.5
27	3 161 698 7 100 773	479 900	610.484 614.185	121. 05. 49	25 47" 36"				4 914 067	4.806
	2 104 215	4 475 787	715 000	75 old old					P. 484.304	9.166
	9 825, 727	4 JSE 167	764,020	192 -50 252 19 326 241	160, 640, 201					
7	9 805 757 3 577 586	275.495	50 101 50 010	10 305 391 100 301 30P		400,004			16,760,439	4.8%
M .	2 100 SSE	275. 494 487. 901	201.014	100 SER SEP 10, MC (81)	25 x85,094 50 505 80	ple SN			4 724 366	4.101
H.	256 345	782 JOI 538 J76	30.70	79 500, 242		84 104			E-087 74	7 291
4	5,179,000	630 746	301.191	77 200,242	52 800.005	102 400 117 881			21 700 the	22 524
				17 067 690	75 DEL 200 24 DEL 25	994, 795			2- 056 148	
	7 425 243	7 647 776	1.00	17 oct oct		994, 795 987 AV			22 674.089	21.430.
	19,718,163	2 520,000	7.00	273 755 Ref	7 345 760 201 753 570	250 255	48,414		D 161 007	26.748
	Sought des	75, 257, 204	1 172 168	255 504 566 257 604 986	90, 50, 40			1, 100	40 (0) (1)	12 430
27	15, 34+ 354	12.085.00	A 175.148	207 004 966		2 014,755	5.675,594	4 7 900	7 445,315	15.00
5	195 344 354	1,000,000	100 45	204 201 602	48,00 ST	961 46	8.350,490	34 429	160 910, 901	173, 503.0
NO.	16 130 362	10,000,000	190, 40"	751, 891, cm	ARC 400 403	4,795,416 A EVE EVE	< 800,000 6,600,760	94,57"	TUP 010, 765	230 684 5
			-	ALMI LI	404.4	E.EH 100	1.48.700		20.10,70	20 112
			09748 0				rowne and	100TH 125	600 700	
		DIDIES.					DESC.			
EUR	SANOLINE SYLD	FUEL GALA	XDN06D/E	GRAS	94.5	SANOLINE SALS.	900L	PERCENT.	DINE.	TOTAL GALE
				70,98	20.00	2 307 846				1 313 4
				100,000	30.00	2 307 446				3 355 4
										456.5
						65,00	70.367	30	247 83	
									80,304	613.1
-					176, 20	421.945	29 207	3.654	19 284	
4						405.707 Wh. 707	40 F.C	1.654	89.000	813 (
		2 175			Ive but	20, 36	5,795,797	122	205 895	2 001 1
	6 792				2 104	300, 460	200,000	4.055	305 895	3 827 5
	12 227			103.003	128,480	365, 445	601 485	5.250	2 367 463	234 1
	126 257			2 616 105	5 (86 96)	750. 7	401 151	6.040		396 (
	100 000	110 151		45 50 J	2 No. 50	290, 19	400 101	8,250	906, 478	817-5
5	7 201	255 DBS		40,600 F	262 256,386 267 256,886	104, thi		19.294	791 AL	679 F
5		17 (0)		Mr. 102 103	NO 26 112	255,000	26,401	3,191	661 035	10.0
-						24.78	~ 80	2.461	199 6 8	413.0
		013	ice				DESC.	TOTAL		
	<b>BASOLINE</b>	PGD.	<b>HONOREM</b>	COVEY	TOTAL	645m.mm		KENDERAL	cours	TOTAL
cer		64,5	SHLE	dest	CHLO	GALS	docs.	1958	GALS.	CALA
EVR	GALE		261 776	765.604	3,460,400	48. cts. 940	3,945.000	C 162 //84	144.313.762	204-525-2
	2 251,396	144,600								
65	2 251,384 7 156,983		795, 852							
65	2 251,396	149, 800 149, 800 219, 767	798, 902		26,295.475					
65	2 251,384 7 156,983		795, 917	15.120 764	2 600					343, 540, 4
10	2 251,384 7 156,983		74E 307		5 800	1 1,750 cs	1 SN 285	2 202,45	218 006 277 82 Cln. etc.	345, 461, 4 345, 461, 5 351, 734, 4
65 60 60 60 60	2 251,384 7 156,983		79E M27		5 KM	1 1,250 cs 15c,385 av	1 SN 28	2 762,60 1 838 965 2 668 388	218 098 277 80 134,460 165 890 670	345, 461, 5 345, 461, 5 361, 734 6 381, 765
19 10 10 10 10 10 10 10 10 10 10 10 10 10	2 251,384 7 156,983		745.002		5 600	1 5,750 c5 15c,286 ar 5c2 46c 55c	1 SN 28 1 SN 28 6 SN 277 6 SN 40	2 NE,45 1 222 941 2 MH 280 2 NO. MG	218.068.277 80 134,465 142.890.870 125.101.290	340,451,5 340,451,5 361,734 6 361,965,4
19 10 10 10 10 10 10 10 10 10 10 10 10 10	2 251,384 7 156,983		nu pn	1 69	2 600	1 5,760 . 25 154,886,87 547 666 556 546 687 875	* SN 285 * 375,240 6.560,277 6.598,-02 fg 814.696	2 762,60 1 838 967 2 848 388 3 805 892 6 676 862	218 598 377 80 534, 65 162 894 250 121, 101 250 1 1 1 190 534	343, 540, 4 340, 451, 5 351, 734 4 381, 863 4 281, 681, 6
19 10 10 10 10 10 10 10 10 10 10 10 10 10	2 251,384 7 156,983		nu pn	110	7.00	1 5,750 c5 15c,286 ar 5c2 46c 55c	1 SN 28 1 SN 28 6 SN 277 6 SN 40	2 NE,45 1 222 941 2 MH 280 2 NO. MG	218.068.277 80 134,465 142.890.870 125.101.290	343, 540, 4 340, 451, 5 351, 734 4 381, 863 4 281, 681, 6
548 69 60 60 60 60 60 60 60 60 60 60 60 60 60	2 251,384 7 156,983		Nu pri	7.05	70.000	1 8,700 co 196,286 for 162 666 556 164 607 505 164 705,500 57 796,400	1 SN 28 1.015,440 6.000,277 6.000,42 12.014.60 21.4.60 21.4.60	2 NE, 40 1, 237 947 2 AVE 380 1, 101, 100 4, 476 SED 2 252, 761	2/8 098 277 80 f34, 66 162 890 250 131, 131 250 1 1 910 766 138, 600, 640	345, 465, 4 345, 465, 7 361, 734 4 366, 965, 4 205, 686, 6 275, 546, 6 260, 862, 6
65 60 60 60 60 60 60 60 60	2 251,384 7 156,983		nu pn	110	2 600	1 5,760 . 25 154,886,87 547 666 556 546 687 875	* SN 285 * 375,240 6.560,277 6.598,-02 fg 814.696	2 762,60 1 838 967 2 848 388 3 805 892 6 676 862	218 598 377 80 534, 65 162 894 250 121, 101 250 1 1 1 190 534	363, 540, 0 340, 451, 5 361, 754 6 366, 665, 6 266, 668, 9 674, 548, 6 810, 542, 6 434, 554, 5

200,012 249 44 995,961 4.05.60 417 256-119 475-116-116

29,510,011 W-902,594 1,795 865 

274.790.30F 79.2-0.007 3.60 80 D-7-219-507 - 6-201-743-340 MICHELINE CONTRACTOR

203.795,744 95.482.703 265.213.284 10.275.201 2 BH 86

S.S.A. PROPAGE CS.312 495.110

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201.5 A ME OURSE I I'M IN

To B. demander or English in consequently ALBERTA, INTROJUBILI PROSECTS. BOH INC. (DRUCK WIG REPORT)

TABLE 49. -- PROVINCIAL REVENUE FROM PETROLEUM AND

				TOTAL PROVINCIAL LANDS FEES AND RENTALS
	PEES AND		CROWN RESERVE	ROYALTIES AND CROWN
YEAR	RENTALS	ROYALTIES	SALE8	RESERVE SALES
		\$	\$	s
1930-31	87,373 46	110, 882, 54		198, 256, 30
1931 32 -	57,868,67	106, 103 GS		163, 971, 92
1932-33	42, [17, 70	73 182 96		115, 300, 66
1933-34	81,540 10	73,548 27		155, 088. 37
1934 35 -	104, 375, 89	61,263,88		165.641.77
1935 36	113,523,55	117,462.35		233,061 91
1936-37	348, 291, 29	106,321 19		456, 612, 45
1937 38	284,844,04	249, 266, 53		534 110, 57
1938-39	372,449,99	394,453,43		766, 903 42
1939-40	340, 587 63	408, 304. 20		748, 991, 83
1940-41	229,844,78	411 263.65		641,808.43
1941 42	109,436.95	570, 604, 94		760, 041, 89
1942-43	267,612,47	575, 883 12		843,445,89
1943-44	239,584 05	503,525.82		743,109.87
1944-45	596, 352, 20	699 230.07		1,267,582,27
1945 46	352,651 07	550,340,47		902, 991, 54
1945-47	272,342.03	536, 230, 33		808, 572 36
1947-48	706,700.00	765,182.10		1,471,882 50
1948-49	2, 148, 510, 18	1 619, 276. 43	8,720,507 01	TZ. 488, 291, 38
1949.50	5,741 111 95	3,368 918,88	23,180.998,77	32,291,029,58
1951-51	9,034 896.08	4,760,560.45	28,008,052,42	41,803,517,94
1951-52	14, 134, 572, 25	10,062.772.17	12 517 901,33	36,715,375,75
1952-53		12,353.945.64	19,659,005 63	50, 249, 421, 51
1953-54	23,095,849 12	17,048,688.02	49,590,009 60	89, 735, 346, 74

		SCH00% L/	NDS	
YEAR	FEES AND RENTALS \$	ROYALTIES \$	CROWN RESERVE SALES \$	TOTAL SCHOOL LANDS FEES AND RENTALS ROYALTIES, AND CROWN RESERVE SALES \$
1930-31	8,990,72	262,94		9, 253, 66
1931-32	8,455.84	383,60		8,839,54
1932-33	3,718.94	253,46		3,972,40
1933-34	12,099,21	233, 64		12,433.38
1934-35	13,630.73	280.00		13,913,81
1935-35	10,878.57	690,33		11,575,20
1936-37	89,040,20	614,09		89,654,29
1937-18	55, 335, 10	24,257,57		59, 612, 67
1935-39	40,735 42	128, 312, 33		169,047 75
1939-40	37, 117, 42	115,002,11		152, 119. 73
1940-41	36,296,74	111, 371, 14		147, 667, 88
1941 42	25, 382, 21	88, 293, 81		113,676.02
1942-43	24,065,18	54,380,45		78, 425, 61
1943-44	16,747,75	46, 862, 33		63, 610. 08
1944 45	62, 678, 16	38. 968, 00		101,646.18
1945-66	22,980,58	38, 977, 04		61,557 62
1946-47	15,412 02	73,978.60		69,390,62
1947-48	53,001,15	110,086.77		163,057 92
1948-49	204,553,54	134, 296, 57	L91,296.50	830, 146, 61
1949-50	514,085.39	242, 199, 47	50. 442, 43	805, 714 49
1950-51	744, 745. 23	429, 425, 19	1,072,579,97	2,246 748 39
1951-52	1,345,877,55	975,317 20	990, 357 64	2,914 552,39
1952 53	1,445,874,37	1 137,006.02	3,868 438 09	6,471,310.62

THE PROVINCE RECEIVED THE MINERAL RIGHTS FROM THE FEDERAL GOVERNMENT

8 911 803 91

23, 231, 448, 20

29,080,632.39 13 211 288,97

23, 527, 443, 66 53, 236, 117, 08

# NATURAL GAS, ALBERTA, BY FISCAL YEARS, 1930-11 TO 1981-54

1948-49 --- 2,353,063,69 1949-50 ---- 6,255,177,54

1950-51 ---- 9,779,641,29

1951-52 -- - 15,380,549,79

1952-53 ---- 19.682,344,81

1983\_54 ---- 24.597,993,50

	- TOTAL -	
PROVINCIAL AND	PROVINCIAL, AND	PROVINCIAL.
SCHOOL LANDS	SCHOOL LANDS	SCHOOL LANDS
FEES AND RENTAL	S ROYALTIES	CROWN RESERVE SALES
s	\$	\$
1939-31 96,364 18	111, 145.78	
1931-32 66, 324, 81	106, 486. 65	
1932-33 75.447, 70	73,436.42	
1933 34 45, 826, 64	73, 641 91	
1894-35 93,639.51	61,548,96	
1935-36 116,006,62	116, 167, 69	
1936-37 126,469.42	108, 935, 28	
1937 38 437,331 49	273 524, 10	
1953-39 320,199.14	622, 765, 76	
1959-40 - 413,185.41	523, 306, 31	
1949-41 377, 805, 50	523, 334, 79	
1941 42 266,141 52	555, 898. 75	
1942-43 214,819.16	630,193,57	
1943-44 256,331 80	550, 388, 15	
1944-45 661,030.35	708, 198, 07	
1948-46 375,631,65	586 917 31	
1946-47 287,754.05	610, 268, 93	
1947-48 759 701 95	675 238. 67	

- GRAND TOTAL -

1 253 523 00

3 611 118 33

£ 100 007 65

11 032 039 37

13,510,951 68

18,565,126,36

#### PROVINCIAL AND SCHOOL LANDS FEES AND REXTALS. ROYALTIES AND CROWN RESERVE SALES 5

#### 1930-31 ..... 207,509.96 1931-32 172, 811, 46 1932-33 119, 273, 08 1903-34 \_\_\_\_\_ 167, 521, 72 1934-35 \_\_\_\_\_ 179, 553, 56 1935-36 \_\_\_\_\_\_ 244 637 11 1936-37 585,265 77 1937-38 \_\_\_\_\_ 593 723 24 1938-59 \_ \_\_\_\_\_ 935,951 17 1939-40 - -----901, 111 61 1940-41 .... 789,476 31 1941-42 \_\_\_\_\_ 873,717,94 1942-43 921, 871, 20 1943-44 ..... 805, 719, 95 1944-45 ..... 1,369,228,43

1948-49 \_\_\_\_\_\_ 17,018,440.20 1949-50 \_\_\_\_\_\_ 33,097,744.07 1951 82 .....

1952-53 ...... 56,720,740,11 1953-54 96,399,236,92

954, 549, 15

1, 634, 940, 62

39,629,928,14

897, 962, 98

1965-46

1946-47 ....

1947 48 .....

1964-65

1945-45

306-07 (907-03 (908-03 (908-03 (50-03 (50-03

			in rue	GAL YEARS,	1500-3	TO HISZ 53			
		COAL		ROLEUM AND	NATO	CROWN		W.T	DRESCHO PEGS SERVI-
YEARS	PEES AND	POVA-73D	FEES A	MO		SESSIVE SE US	FEES AND		ALS AND
		ROYAL-TER		3 ROYAL		54,03	RENTALS	ROYALTICS	ROYAL TIES
1850-11 °	8			5			1	5	9
	27 328.11				45.76			-	55.00
8801-03	198.303 33	151, 524.4			<b>30.36</b>	-			214.26
1992-03	131 861 01				38 42				243.49
1933- 54	138.640.91	295, 047 1			101 101				214 38
1954-35	193-795, 75	168,432 3	2 100 000		NO 96				541.00
1653-06	(23 (38 9)				47 4s		435.56		535,00
1904-07	121 382 61				135.28		645, 90	65 00	799.00
1903-10	118.008 71				10, 10		311 16	10 50	200.00
1933-39	111 481 33				HE TE	-	21 ID	995 21	485.00
1904-40	116,147, \$2	(%,615.5			106 (3)	-	32 36	543, 22	
1940-47	89.627 T	215, 696, 1	2 266. e	52 323.2	SE. 79		37 56	2 120, 10	139.00
1941-42	64 352, 31				190.75		43 50	3, 721 16	-
1942~43	64 995 37	280, 343, 4	2 29: 877		90.57		27 186 50	4 147. 57	-
1945-44	\$5 350 64				ME, 15		13 661 64	5, 379, 56	-
1944-48	118 203 77				96,07		6,645,62	5.543, 2	
1949-48	154 498, 34						8, 229-82	5,791.70	
1946-47	FE2 105, 71	21 F. Q9 E. II	2 287 754				5, 455, 22	6,332 00	2 805.00
1947-45	121 104, 17	790, 013, 4							
1949-49	177 758, 50	646, 579, 6	4 2,357,062		F1. 99	8 SE1 NO 21			
1989-50	191 725,77			54 3,56. 1		25 231,448,30			
1850-01	184 CO.I. 11					29 680,632 36		9 230, 96	
1651-02	215 242 66					ES 201 288 57		4 695.32	
1954-43	176, 176, 24	279, 492. 5	19, 662, 344	. 31 17 519-1	151 GG	2) 327 443 44	1, 906 40	6,806,71	
TOTALS	2 994 209,42	5 654, 275, 6	56. 659. 101	1 SF 42 222 1	160, 51.	87. 962 dol- 22	64, 621, 29	66 557 13	6, 338, 15
	ouve.	erne.	BAND, STONE	QUARTZ		ACCE AND B DESCRIPT	54905	MISCELLAN- EXUS	GRAND TOTAL
	40-00		of the Grown Park	*******	_				and and and
							FEES, ADIT-	FEED, RESET -	
PIRCAL	PEKS AVE		FIES AND	FEES AND		EES 400	ALS AND	ALS AIG	
YEARS	MEDITAL	ROYALTIES	BOYALTIKE	ROYALTIES	90	STITLAND.	ROTALTIES	ROYALTIES	
	6	3	6						3
			131.94			10.00		1 799 50	391 427 39
			549.55	395,40		50.66		1 228 20	467 050, +6
1934-25	1 386 38		620.99	280.00		150.00		185 27	604 NIK 97
1703-21	1 495 94	209.00	725.87	2, 125, 00		125, 86	36.60	62 99	579 943, 30
1996-17	1 295.34	168,00	437.58	340.00		125,46	£79.00	265 15	P65 175, 60
1927-23	1 577 64	796,18	1 110.45	251.50		25.06	1 877 07	504 37	990 586,57
101.0-12	1 471 96	1, 123, 10	775.42	86.17		195.27	5, 806, 50	(51.01	2 0 275 26
1929-90	1 528.18	232 75	3.071 42	D 48		205.40	7 672 70	489.47	206 858.01
1960-41	1 225 99	995.62	2, 822, 99	162 72		285.10	2 506 83	26 02	127 929.95
1941-41	1 612 22	1,523,49	2, 149, 50	245.72		267 39	1 900 00	529 95	200 543 05
1943-43	1 285.73	1, 695, 30	7 049 00	F10 40		190,00	5 655 30	5 626 97	379 084, 99
1943-44	1 514,68	1 718 90	5 829 40	194 22		140.00	3 854 46	A 455 06	196 154, 71

46.96

15,00 154,17 277 M 500-00 500 47

1. 635, 65

3. 251, 85 4 754, 78 9.503. 7 6.511 22 24. 766.3 47 140 36 16, 968.83

20,481 24

151, 905, 48 209 162 864,20

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28.73 3 620 91 Ted 334.2

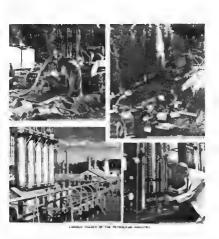
788 356. 2 1 469. 286. 18 1 383. 87. 12 2,076, 872, 82 13,084 795, 70 34,682, 590. 2 44,070, 732 08 46,568, 138, 86

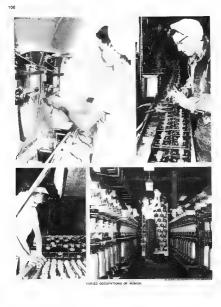
1 476,64 1 894,71 1 501,09 1 013,17 5 85,34 1,018,31 ,76,72 38 38 627 13 1, \$15.49 4, 130 99 4, 100, 70 6, 275, 30 7, 665, 35 16, 287, 45 4 752 10 2,125 17 TOTALS 26,063,29 175,452.36 68, 773, 69 10,890 10 2,905.22 132,486,4 THE PROVINCE RECEIVED THE MINERAL REPORTS FROM THE PEDERAL GOVERNMENT ON OCTOBER 1. 1823.
 MAKING THE FIRST REVENUE PERIOD ONE OF E HOMENG.

6. Mit, 40 1.545,45 10,00

6, 527 AC 6, 696, 52

2, 965, 98 18, 965, 98 18, 956, 66 26, 956, 66 36, 496, 38 27, 908, 36





The Albarta Briuminous Smith, frequently and correctly referred to a "Oil Smith" forcibly call attention to their presence by a series of outcape on one are 100 mine of the Albabcook news and sits inbustries. The exposures vary from those of a few feat, where series begals in the overhunder distributories. The supportance of the color through a subtrated such. In the clifts of one 200 feat that concern that observations don't never books.

The around of country that is underlain by the phasmics, and formation is affective. Early, superate come, 1,000 option miles, who letter bracket home methodedrome up 0.30,000 option and in a considery temps the scatter of the formation. With the internate interelating experience from the of long temps. The scatter of the signal part of the scattering of the scattering

The or sand formation extends southwest from McMurray but how for is not yet known. The Geological Survey well. (1898) or Petroen Reposts and or or recent exploratory well about 7.5 miles south of McMurray encounted the formation or about 9% feet depth. Well 1.57 in less west of Petroen Repost or his Clearwise Bost. And is of about 2,000 feet oright. Of Its adaption expose and of McMurray or his Clearwise Bost. Apparently on impregnation of the formation costs not extend fee each of the Ambelook 20 km.

The or send area of immediate a gardinator from the standpoint of development I at olong the Affoliasion Rever to doubt 70 sills in sort of Affoliasion Rever I to Emergical bear correspond to the Send of the Rever I to Emergical Bear correspond to the Send of the Send o

The Intermous and reports, in the cree of outcops along the Arbebrose River, has a fruickment of about 200 Feet. In a composed of best of in-consolidate and, in liver old yow one of the impregnoted with a very viscous asphaline or. I class introduced and of and, silt and clay is common. The or content of the Intermous and verses, smally, with version of sail and one operation. I shimmous sand, as mand with less than 20 percent of fine material, generally contains from 10 to 12 percent of oil by veryint and from 2 to 8 parasand in which.

Active operation of the Government owned Refinery has been discontinued for some years. The Refinery is maintained in a completely efficient state and could within a short period refenter operation if such was distinct.

A Conference of the greatest munds in the Or. Industry the would over was held at the University of Alberta in September, 1951, under the chairmanity of Mr. 5 M Blair as Technical Director. The proceedings of that Conference have been produced in a volume, obtainable from the Board of Trustees, Oil Saras Pro act, Government of Alberta, and from the Provincial Marketing Board, 5th Roce, Administration Building.

During the Conference the Alberta Government announced the policy adopted for encouragement of the orderly development of this enaminous deposit. This test prospecting permits comprising approxilimately 50,000 cases soch were acquired for septonation and development by large componers. Of each the permits has been jurrendered but active investigation and test dutilling has been underway on the other treative.

The Research Council of Alberta was appointed agent for the Alberta Government in all matters per territoria to exploration and investigation of the ai sands. Considerable test drilling has arready been undertoken and the results, as other lines, are being correlated by the Research Council. When the proving permits terrandate in 1955 considerable data will have been compiled to give a much better indirectation of the nature of the deposit than is presently available.

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Coal stars in Alberts have a wide distribution in forestrone of Centecoas ogs. The cool/haering bed in Alberts occur in these different bolizoes. The offset business, he discrimed re-Koeteye familitary, his Lover Centecoas, in age, The two prosper horizons are all laper Centecoas age and occur forest the control of the

The two chief factors that determine the mark of the coal one age and pressure in Albusto, Belimone - Kostange coals of Lower Costanous age on one marker than one of the Belly River or Edmonton coals that are of Upper Costanous age. On the other hand pressure will notice coal more apoully. That is wis, the coals of more apoully. That is wis, the coals of more and to war, that is from the plant is the description of the description of the description of the coarse and the coals of the description of the

A clear disroction with be made hereen coal resource and coal resource and coal resource may be made from the present income perhaps. Coal resources and coal resource and depart between the execution of the execution of the present of the present of the perhaps and the present of the present of the perhaps and perhap

The estimate is bosed on known coal sacres three feet or over in thickness occurring within 1,000 feet of the surface and most of the coal is wirther 500 feet of the surface. Only that coal under each of the coal erose, most of which is available for immediate production, has been shown. The known coal reserves in 1,974 square miles within the coal areas of Alberto on the basis stated above, is over 46,562 million short too.

The total production of coal mined in Alberto between 1885 and 1953 was approximately 200 million tota. This represents of payer can't of the settmeded ovailable, nearwest, This means that I used one-fivelif of one per cent of the ovailable searces have been mined. It is conservative to say that on the coal of the ovailable searces have been mined. It is conservative to say that on the coal of the ovailable coar marrier have been uniform conditions. This orby capitily over too per care of the ovailable coar marrier have been uniformed and last to do the

The number of men employed reached the high point in 1948 when 8,865 men were employed in the coal mines.

Time 5: -- SUBVENTION NATES PAID TO REGISHES FOR THE ARRESTANCE OF ALBERTA COAL TO MARKETS. RIS RE PAID BY PER TOP PERTON PERTON PER TON PARTIES. ASSTRACE PER TON COURST O PER TON FEETENES. #15E\*\*45E \$13P485 22 1 65 0 6 2 50 4 ps 10

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TABLE 52 -- ESTIMAYED ALBERTA COAL RESERVES. BY AREAS

	TOTAL	DERLAIN	THICK- NESS	TOHE	MILLIONS	MILLION
NAME OF AREA	MEA. MI.	8V COAL 59,611,	OF COAL FEET	PER ACRE FOOT	TONS	TONE
GROUP 1						
BRUL E	715	34	25	1,866	1,000	
GARGADE.	870	195	50	1,880	5,960	
HIGHWOOD	145	90	ec	1,004	4,400	
MORDEGG	940	46	87	1,000	1,500	
BMOKY RIVER	1,490	98	90	1,860	3,360 70TAL	16,100
GROUP 11						16,900
CLEARWATER	545	18	25	1,000	160	
GROWSHEST	BMQ	146	30	1,400	5,100	
MOUNTAIN PARK	690	104	40	1,6%	2,100	
DEDMAN	515	72	26	1,000	2,500	
PANTHER	450	11	29	1,000	TOTAL	
deque III					TOTAL	13,460
COAL SPUR	1,165	100	70	1,900	3,600	
HALCOURT	870		7	1,800	300	
LEYHERIDGE	575	156		1,460	700	
MAGRATH	1,510	176	- 1	1,470	100	
MORLEY	1,460			1,000	200	
PEKIBKO	80			1.80	1,500	
Business Children	915	16	7	1,400	306	
PRAIRIE CHECK	663	25	11	1.000	496	
RED DEER	1,485	22	22	1,420	536	
BAUNDERS	745	72	29	1,842	1,700	
					TOTAL	10,300
ARDLEY	790	22	10	1,700	200	
BIG VALLEY	750	7	10	1,400	50	
BROOKS	2.220	**	- 1	1,790	100	
GARBON	1,190	65		1,000	300	
CHAMPION	1,400	13	1	1,850	- 60	
DREMMELLES	420	25	- 15	1,500	1,100	
EDWONTON	2,270	**	12	1,790	700	
<b>GLEICHEN</b>	1,113	**	- 1	1,790	60	
MILK RIVER	2.735	83		1.00	500	
PEMBINA	8,570	53	85	1,476	1,190	
TARKS	2,770	00		1,000	860	
YALHALLA	1,799			1,100	3.0	
WETAGKININ	1,790	12		1,750	70	
WHITECOURT	1,446	23		1,400	70	
descup v					TOTAL	2,246
GAMROSE	965	13	10	1.200	100	
CARTON	1.890	22	15	1,770	200	
EMPRESS	1,415	- 1	"	1,790	70	
HIGH CHAIRIE	1,606	i		1,884	,	
PAHAN	5,625			6.286	10	
PAKOWKI	1,190	ei.		1,000	200	
REDCL IFF	2,615		i	1,790		
POCHEATER	1,150	1	4	1,800	7	
ROCKY MOUNTAIN HOUSE	646	i	4	1,550	,	
BEXAMITH	1.579			1,500	10	
5HEERHESS	1,365	29	19	1,000	200	
B-AVE	1.575		*	1,000		
#YEVEVILLE	2,695	3		1,790	10	
TOFIELD	989	20	15	1,760	300	
WALMWRIGHT	1,060		3	1,740	10	
WESTLOCK	1 765	5	4	1 960	40	
					TOTAL	1,142
				GRAND TOTAL		46.663
				SIRAND TOTAL	Minu	46,562 ION TONB

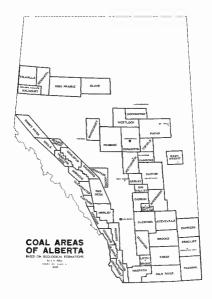
Group I Law volotile, non-coking coal from mountain areas. Commanly called steam coal.

Group 11 High valori e. cokine b'ium'inous coal from mountain areas. Also commaniy called steam coal.

Group 111
High volatile, non-coking coal, principally from footbills greas

Group 1V
A so-called domestic doal, fair storage, from prairie areas.

Group V
A sampal ed domestic coal, poor storage, from prairie areas.



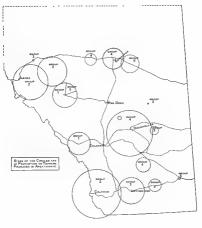


CHART 36 RELATIVE COAL PRODUCTION BY AREAS, ALBERTA, 1886-1953

Each of the studies made of Albarta's coal "redustry over the past quarter century. Yes, pointed the difficulty of using albarter coal to reach magner markets at competitive prices, it has been recommended that the distance handless be overcome by financial assistance to reduce freight reless by railways or operation and contribution theoretic powered of fesciet changes by Domeson Covernment Sydwarton,

The average subvention rates paid to railways to assist in the marketing of Alberta coal are as shown on the table.

The principal morket for Alberta coal has been the railways with Alberta, Sasachlewan, British Calumbia, Manitoba and Chitario, fallowing in that order. In recent years competition from ail and natural gas has had an adverse effect on the market. The railways have commenced converting to ail burning and diese. Iocomotives and there is a steady increase in the number of western communities being pared with notural as of masternal, commercial and domestic heaving.

Efforts are being made to provide new markets for existing mines. The Federal government increased subventions effective March 4, 1954. The new order amends the order of January 16, 1953.

The regulation deals with coal and briggettes for "noticed use other than by realway locematives things global by the local product of the result of the res

was over \$9.85 the austitance was \$2.85 per tan. The amended regularion provides one cote of assistance applicable in a I cases where the freight rate is over \$6.60 per no with the assistance being \$3.50. The following pages are tables of statistics on the approximation of the mines and or the distribution



LETHBRIDGE COAL MINE

1303	wi	N 158.	Ξ	3,16		1.629,755	1.045,480	1 054 594	859.598	274 768	73.117		٠	٠	91.59	٠		4.960,338	100,196	=	633	242		10.00	257 047	907 099	39 66	5,917 425	9	1	100
1985	7 184.472	39, 934, 316	187	4.59		2.065.385	134.307	3 203 716	023-486	364 954	24, 340					. 188	ı	4 147 582	112,488	933	616,432	9 245	3 474	817 118	345, 667	473,615	E. C	7 184 62	851.398	578	8, 296
3		Ŧ	128	4 2 3 3 9		2 643 326	1 437 114	( 322 162	169-533	452 737	182 733				99.170	44 117		6.001.113	118 944	900	326 130	- 100	6 957	235 600	325 158	202 275	51 90	7 665 236	364 038	644 0	1 74
4110	8, 14, 236	41 531 539	100	7 999		2, 108, 165	612 246	554 N23	\$73.556	944 970	3 2 963				100 393	۰		7 256 413	133 651	Ē	38. 640	۰	43.659	3 8 327	349, 516	509, 509	11 750	4.116,336	833 808	16,637	
6964	A 614. 9E3	44 541 538	300	9		3 012 425	1 614 306	1 232 896	851 153	957 629	147 576			1 475	45.977			1 617 613	90	. 13	216 177		11 34	193 609	231 501	158.275	19.481	9 616 833	480 943	22, 25	
1946	A a	41 475 044	195	6.465		2 312 275	1 550 629	1 413 233	945 300	453 009	der san	3		٠	64 +33	100 947	٠	9 APP WHA	168, 171	1333	386 545		287 81	764 151	145 859	79 350	12 433	0,111 013	223 SN	85 718	
1947	81.004.596	32	ä	8.364		2 104 904	64. 33	200 116.	683.400	169 414	62 669	١		17.73	81 133		4	7 433 589	27 575	1 928	266.179		-	48, 533	31.776	20 013	13: 660	4 0% 394	161 611	\$2.627	
1946	87.175.439	ž	150	8.540		2 893 347	1 600-796	1 449.002	\$82.413	659-755	348 137		,	37 905	157 271	ı	24 730	# 136 654	189 098	1 347	259 123		64 838	47 632	171 476	009 93	90	8, 854 455	175 616	13 266	٠
1945	7 891 348	27 698, 333	E	9 300		2 416,633	947 940	248 031	846.396	1			٠		012 196		20.394	7 908, 918	78, 457		235, 998		64.190	10 00	76.171	3 457	Ŕ	9 801 148	230 274	43 66	
1944	5	26. N.I. 353	835	6.335		2 585 100	434 393	1 215 475	478.650	535 432	14 145		. 05		288,686		20, 296	6 742 643	132.374	5.433	139 dos		164 633	49.445	152 276	25 716	: 130	7 425 435	253 595	67 433	
943	7 6.77 984	ä	100	B. 636		2 094 515	1 540 112	1 455 412	364 311	457.048	2				434 627		49 238	4 071 753	17) 196	977	298. RQV		101 135	14 744	134 043	24, 760	9 63	7 627 982	222 38	61.749	٠
2864	422 PE 2	8	900	8.043		2 864 586	1 474 395	1.245 665	653 255	985 776	211 275				66 197			7 17 065	164, 190	6 553	04 40		100 419	48.89	128, 317	48.313	- 38	7 754 279	106 14	7 572	٠
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	FOTAL TORSHAGE	TOTAL YALLANTIDE	OF MINES IN DPERATION	AVERAGE IND. OF MENERAL OPED	DISPOSITION OF COM.	RALLWAYE	ALBORYA.	SATISTICAL	BRITISH COLUMBIA	AANITOBA.	DEETAARIO	DOM: NAC	ALASSEA	DHRA	MITTED STATES	APAN	SHIPS BURKENS	TOTAL BALES	OLLIGHY DOLLORS	OLLUTTY HALMOADS	SALVE MANGE SHEETERS	BED MANING FASHIOOM.	SED MAKENS COVE	VY 10 STOCK	NA TO WASTE	MATERIAL STORY	JETTED PROBE WASTE	TOTAL CUTBUT	OTAL TOROGE ESTABLISHED	FOTAL TORNAGE COME PRO-	PRODUCED PRODUCED

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1.951 TORS 4.056,372 347,787 337,047 6.034	2, 201 202, 201 202, 201 202,	2 600 0 1 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	60,000 60,000
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6 11946 7005 0 8,280.418 964,778 113 008 111,384	3, 390, 300 3, 190, 300 3, 190, 300 1, 370, 130 2, 30 400, 610 400, 610 400 400, 610 400 400 400 400 400 400 400 400 400 4	0.00 cm	7.95,000 7.9
GREGANS COAL FIELD CASCANS CAS	GROUP CONTRACTOR CONTR	STUDENT TO ANY STUDENT OF ANY STUDEN	COMPANY CONSTRUCTION CONSTRUCTI

Table 55 — CONS PRODUCTION, IMPORTS AND EXPORTS, BY PROVINCES - CANADA, 196-1952 (EXCLUSIVE OF PETROLEUM CONS)

		PHODUCTION	IMPORTS	EXPORTS	AVAILABLE FO CONSUMPTION
YEAR	PROVINCE	TONS	TORES	TORIS	⊤ Dess
5946					
NEWFOUNDLAND, NO	WA SCOTIA NEW BRUNSWICK GUIDDEC	1.058,751	11,585	8 540	1 061 10
ONTARIO		2 521 405	530, 994	95 901	2 056, 15
MANITOBA, SASKAT	CHEWAH. ALBERTA, BRIT'SH COLUMBIA	266, 030	15, 420	62 851	223.00
CANADA		3, 945, 776	561 903	167 299	4 346 36
1969					
NEWFOUNDLAND, HI	NA SCOTIA HEW BRUNSWICK, GUERREC	T 062 009	4 345	794	1 045 58
ONTARIO		2,468,694	421 773	203 357	2 687 11
MANIFOBA, SASKAT	CHEWAN, ALBERTA BRITISH COLUMBIA	236 363	11,458	69, 956	295.86
CAHADA		3,867 966	444,577	275.112	4 938.53
1930					
	WA SCOTTA, NEW BRUNSMICK OUTSIEC	1 109 201	21 385	2 910	1 128.33
ONTARIO		2.511 030	374.954	270, 243	2 815, 24
MANITOBA, SASKAT	CHEWAN, ALBERTA, SUITISH COLUMBIA	317 057	15, 539	71 387	251 26
CAHADA	*** *** * **	3.527 500	411,876	345, 940	4 004, 80
195*					
	DVA SCOT'A NEW BRUNSWICK QUESEC	1 160 141	7 221	5, 129	1 162.23
	A ARREST SATE	2,435 662	\$75.807	72, 590	2 929.00
MANITOBA SASKAT	CHEWAN, ALBERYA BRITISH COLUMBIA	309-860	72,415	53, 923	240, 50
CAHADA		3.905-085	598.443	101 702	4.341.42
1972					
	WA SCOTIA HEW BRUNSWICK QUESEC	1 074 085	6.341	74, 199	1 086.12
		2.680, 796	901 223	204, 312	1.977 70
MARITORA, SARKAT	OHEWAN, ALBERTA, BRITISH COLUMBIA	292, 395	13 516	84, 452	221 A4
CANADA		4 047 262	520 990	302 963	4, 269, 27

T-r. 156. — LABOUR STATISTICS COAL MINES — ALBERTA 1907 - 1551.
SNCLUDING MINEER OF COAL MINES)

				AVERAGE SAL	STEE AND WASE
YEAR	COAL MINES	EMPLOYEES	SALARIES AND WACES	PER MINE	PER CAPITA
	NO,	NG.	\$		5
1907	82	3, 224	3.424 143	41 258	1,002
1611	234	6,064	2.761,059	16.780	618
1908	278	7,000	7, 813, 215	25,004	1, 107
5921	353	10, 634	16,213, 218	54,695	1,705
1926	341	2,324	12,654,800	37 100	3,317
1631	316	6,590	8, 615, 009	27,326	1,095
1836	308	6,827	9. 657, 675	31.663	1, 19
1837	303	8,273	9.852,308	21,525	5, 141
1935	902	7,499	8,994,794	29,791	1,139
1939	294	7,908	2,330,552	21,737	1,580
1660	278	7, 852	10.282,743	26,989	1,319
1941	239	6,048	13,247,966	51,246	1,310
1942	204	0,564	14,704,763	77,092	1 721
1943	206	9, 163	16,049,357	77,909	1,782
1944	202	0.375	17,234,001	65.317	2,034
1845	Sas	8,276	14, 981, 917	45,535	2,050
1944	199	6,583	18, 500, 547	55,438	2, 160
1847	591	6,710	20,017,867	100, 316	2, 295
1948	195	8, 407	25, 630, 754	110,828	2,486
1948	205	8, 708	22,741,079	110,527	2.613
1850	207	8,012	20,794,886	100,265	2, 590
1861	179	7,383	25, 198, 540	118,425	2, 883
1052	157	6,950	29, 891, 712	123,068	3,000



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cos.	,	4 554 013	0 950 A	7 754 653	2 010 75 2 010 686 K	7 428 328 34 874 977	21 70 377	11,116 579	3, 429 H	2 2 7 2 2 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	A 474 655 04 144 155	6 115 220	7 618	7 118 157	5. MED. 000 31. MPI 000
MATURAL CAS	٠.	4 067 893	5 10 40	34 480 585 6 846. 46	25 565 633 6 245 6 245 6 25	37 16 500 6 331 817	40, 353 (64 T 055 110	1,007 415	44 86 443 7 75 886	48 585 513	2 555 609	18 633.976	5 433 442	5 935 242	4 500 510
44.00			5 0 5	1 28 1	- 65 8										
10880 10070e13d	Ê.	1 495 130	5 948 SP7 13 989 988	15 S # 645	0 601 538 5 784 5 8	4 468 001	7 579 78 52 69 62 52 69 63	23	6 071 987	14 488 5)2 35 127 35	76 MAY 411	27 548 159 10 216 410	45 115 384	59 515 773 125 515 472	37 065 000 199 895 000
STREET PARTY WATER 42.5															
61.47 NEGOUCTS	,	814.148	452 44	1 055 487	578 649	143 577	611 175	1 608 97	957 1	1 618.733	603 79	1 996.309	10.10	964 613	2 042 396
CENDAY	i.	126 093	482 545	307 355	13, 444.	446 647	(30,337 1 341 345	600 72	137 551	2.00	1 455 70	38 51	1 881 941	2 75 68	5 195 075 6.147 441
CIVIL	ŝ,	18	8 194	100.10	10.00	4.8	988 0	23 145	115 500	25 P.S	10 64	435 542	33 630	20.000 4.5.348	10.38
SAME ARE ORAVÍL.	· .	900	90 107	1 6 914	109, 391	12.54	42.13	. 680 703	2 058, 42 1 10 683	2 219 497	3 448.65 655 159	1 856 662	1 100 00	3, 665, 423	5,013.49
3101.0	1.	14	7.5	9 0 0	1.5	- 0	23	2.5	23 881	12.2	13 622	2× 2>	46.00	22.22	22 330
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QUIVE AL	į										19 500	2 709		7 448	
	1		26.62	72 160	283.124	3 113	444 00	20 00	23,694	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1,15	15.884	45 TAS	22 23	24 790 407 500
SOBBY SALPHIE	3.														
BITUINGS SANS	2.,	1 000													

#### INDUSTRIAL MINERALS

A survey of the industrial minerals in Alberta was undertaken to assess the raw material reautomatic for an excepting economy and to relate these needs to the known sources of supply within the boundaries of the province, Industrial development in established industry is making increasing demands for these materials, and new developments emphasize the need for minerals hitherto not supplied tocally.

General construction is drawing heavily on sources of sord and gravel, on limestone for cement and lime making, and or common clays for brick and tile manufacture. Special zed clays are required for pattery, chinaware, and far refractory materials. The known accurrences of bentonite are evaluated with respect to their use in drilling fluid. The well known deposits of evaporites - salt and gypsum \*\* require further investigation to determine their fullest possible utilization

Industrial minerals in Alberta have enjoyed their share of expansion in the general industrial in zation of Alberta in recent years. The more important industria, minerals are reviewed from the standpoint

of their requirements by industry and of their accurrence and availability in the province. The data on the mineral occurrences is compiled largely from ear ser reports of the Research Council of Alberta and brought to date where possible. Statistics on the utilization of the numerals

# have been supplied by the Provincial Bureau of Statistics SAND AND GRAVEL\*

The sand and argues of the plasts of Western Canado are cenerally considered to have two arigins. They are considered to represent thick deltaic deposits from the west in Cretoceous-Tertiary time or out-wash plains and deltas in glacial lakes during fluctuations in the "ce advance during Pleistocene and Recent times.

Tertiary deposits are confined to a best sunning northwest-southeast, including the eastern edge of the Alberta syncline and stretching into the foothulis of the Rocky Mountains. Favorable areas for development also appear where the relatively unconsolidated sands occur as outliers controlled by local topography. Examples of the outlier type of deposit are the Peace, Hand, and Cypress Hills. Cretaceous sandstones are known to produce reworked sands as surface depasits, but nowhere have they been developed except for road surfaces.

Intermediate in age between the Tartiary and Recent deposits are the Soskatchewan gravels and sands, known to sealang old river channels, strationaphically above Technory sandstones and below the blacial deposits. These Saskatchewar gravels and sonds contain a typical suite of pebbies - red arkose, blue black chert, p that limestones, and quartiste. A pregiocial channel traced for 30 miles In an easterly direction from Moon Lake, 65 miles west of Edmanton, is known to contain Saskatchewan gravels and sands. North of Wabanium Lake, 45 mules west of Edmonton, these sarted gravels directly over se coal seams of mineable thicknesses and the deposits are developed with the coal where the According President Control of the Water Inches of Hetherdown, northeast of the Water Inches of the Water occurrences.

A Pleistocene survey in the Edmonton area has mapped interglacia, sands at Onoway, in awantity suitable for plastering.

Sand and gravel have been used in Alberta principally for concrete aggregate and as fill in construction.

The alass and pattery industries or Redal III and Medicine Hat require substantia about ties of silver send. This send is presently imported from the United States. A silver send deposit of Paper River suitable for producing a plass is being developed.

# LIMESTONE

Carbonate rocks in Alberta outcrop only along the northeastern and the western limits of the huge sedimentary basin that stretches southeast through the province and on "nto Saskatchewan and the United States. On the western limit they have been elevated by mountain-building movements of the Rockies, and on the east they have been exposed by erasion of younger overlying sed ments. The eastern men of outcome is at greent of little econom's importance and will not be ment oned further. In the west, the frant ranges of the Rockies and the outliers of Paleozoic strata which occur in the foothills at several local tries constitute an enormous area where prospecting for I mestone would be worthwhile. providing sufficient attention was given to transportation and marketing focusties. Strata of the Devonion

SAND AND GRAVEL ARE NOT LEGALLY MINERALS IN ALBERTA, BUT ARE PART OF THE SURFACE IN ACCORDANCE WITH SAND AND GRAVE, ACT, 1981.

and Carboniferon system private the major part of the Investore in the Earsy Mountains although carbonise rods have been found and Intel Released system code in the Trease or well They are activately variable, both intelligence of the Carboniferon of Incoming as whate worker deposit for any particular proper a see which means instrained private diseases. The Carboniferon of Carboniferon and such variable street are self-particular of the spiritual facility to design such variable street are shapplished by the attribute of the spiritual facility back reducing up the free found form, and falley by the found to the Garden interesting such as course. Similar legacy state are, heartflers, and falley by the found the fill over interesting such.

Limestone, a basic and widely-used material in any industrial economy, is used in Alberta primarily for the following purposes in the manufacture of cament, in time making, and as the carbonate rock. It is also used in the poultry feed industry and as a dustrag material in rocking manufacture.

The Canada Cament Company hus one large cament plant at Exshaw producing nearly 800,000 tons of cament per year.

Line is used on construction metrical, in water-treating plans, and in municipating industrials in 1949 that amount of lime constanted by the municipation on the 50 bits, and in 1951 the municipal water treating plans used 3,500 tent. There are two commercial lives plans in the powers — the Someri Line West or Sowers and the facility tree plant of Each or The Arbert Sowers and the Someri Lines plant in 124 bits. The free support and some the facilities and the facilities will be southern as Southern Alberts but in their own lines, and their consumption of line constitutes the major proportion of the line was the monofecturies industrial.



PRECAST CONCRETE BRIDGE
CARROT CREEK, ALBERTA

#### CLAY AND SHALE

Widespread in Alberta are surficial deposits of allow and shale. The allows are most predominant as unconsolidated deposits which have accumulated during and since the period of continental placiations From the standbount of the ceromic industry they are usually of a low grade, being suitable only for the nanufacture of common bricks, tile and other similar products.

Shales or consolidated clays make up a large proportion of the older sedimentary strata. The marine states belonging to the Fernie, Colorado, Pakowki and Bearpow formations are generally unsuitable for the ceramic industry but may provide material valuable in the production of cerent, rock wool, and lightweight aggregates. The fresh-water shales of the Kootenay, Brainnore, Be ly River, Edmonton and Paskapoo formations autorap over large areas of the pains and afford the most abundant source of material for the local brick and tire industry.

Clays suitable for whiteware were investigated in the Cypress Hill's of southeastern Alberta These include Koolins, fireclays and stoneware clays of the Whitemud formation and are similar in stratgraphy and lithology to the deposits of western Soskatchewan.

At present there are nine firms manufacturing play products in Alberta, five of these being situated in the cities of Medicine Hat and Redcliff because of cheap and abundant natural pas and close proximity to the clay beds of Saskatchewon. The remaining four firms, producing only common brick and tile, have plants operating at Edmonton, Grande Prairie, and Claresholm

In the Medicine Hot-Redcliff area, a variety of products ranging from whiteware to sewer pipe, flue lining, he low tive, drain tile and brick is manufactured. Local shales from the Oldman (Belly River) formation and glacia crays are utilized, but high-grade clays from Soskatchewan and the United States are also imported. At Edmonton, two plants produce common brick and tile from placial lake clays and from beds of river galaxium, while other similar brickwards are operating in Grande Prairie and Claresholm.

Much interest is exident at present in clays and shales suitable for the production of lightweight aggregate. Suitable raw materials are fairly abundant in Alberta.

BENTONITE

The current growth of the oil industry in Alberta has resulted in a rapidly increasing use of bentonite, chiefly as a constituent of drilling fluid. The consumption of bentonite in Alberta is summarized in the table below

#### Consumption of Bentonite in Alberta, 1948 to 1951

1948 6,300 tans 8,700 tons 1949 1950 11, 200 toru 1051 14,700 tons

Practically all the bentonite corrently being consumed in Alberta is imported from the United States.

With the idea of establishing local bentonite reserves suitable for use in drilling fluid, a preliminary survey of Alberta bentonites was undertaken in the summer of 1952. The survey outlined several sizeable deposits of law swelling bestories throughout the Province. Details can be obtained from the Department of Mines and Minerals or the Asberta Research Council. The most promising deposits are situated near Camrase, Medicine Hat, Irvine, Dorothy, Drumheller, Rosebud, Edson and Busby. To date only the deposit near Rosebud has been worked

Same of these bentonities would probably be suitable as bonding opents in foundry sands and as decolorizing agents If a market should develop for such products. A recent discovery in the Lac La Nonne area appears to have the desired qualities, but further evaluation work will have to be done to determine the economic possibilities of the deposit.

With chemical beneficiation, a product suitable for use in drilling fluids might well be developed from one or more of the bentonite deposits of Alberta.

# **GYPSUM**

In Alberta, avasum is used primarily for the manufacture of wall board and plaster, and as a returded in Partiand gement. Two clouds in the province process row evocum into the building products. using raw materials brought in from Manitoba and British Columbia. Production of gypsum products in Alberta has increased twentyfold in the decade 1941 and 1951.

Two debts in the province where lerge handiges of gryssian do exist have been described in detail. North of Japan Park along the exist of the horizones on a factory of Mourist Cross there are gryssian deposits of Francis

In the northous corne of Alberts, a maximum flucture of 50 fast of groun is expected. Little Bayards in Phose Exer and in the exception of the bring spring of \$16 fasts. If they been calculated that "sturing an expect length of 15 miles along the river and on evening inclusion of 15 set of groun and coursing the best aims from \$1.00 fast of groun and coursing the best extend and posteriol of a nile back from the river on either side, the quantity of grouns in the Place Exer section is at least \$17,000,000 food. A considerable proportion of this restrict is very levelably included for manning an account of bits in location and the place.



# COMMON SALT

Common self occurs in Alberta as bads of rock self and as brine from grings fine a prings are restricted to the northeast portion of the province in the McNumys used on the Albebdook River and its 1-butters. Dirtling simblished the presence of self in the McNumy-Westenseys area or a shallow depth, and production continued for a time,

In each central Alberto a thick and asternive investible to have been engaged by the information obtained from deep wells decided for oil and gas. At Lindbergh, about 156 miles seat of Edmonton, these sait bods are present totalling approximately 1,000 feet in thickness, and the bods have been about the callst over a considerable one. The aveganite boson has been outlined and delimited, by the following wells:

The western limit is the Imperial Androman No. 1, located just east of Edmonton, where two soft back were shilled through and total 165 feet. The salt is sequent, containing thin back of sittend delanate.

Anglo-Beoverhill Lake No. 2 drilled through 324 feet of rock self. The self is reddish to gray the code, and only occasional bands of clear, transparent self were noted. There are also streaks of shallowed bolomity, shick seamed in the conditionary, whick seamed in the seamer to the weather warrain of the beam of december.

Vermition Consolitated Oil No. 15 well reached a salt bed at a depth of 3481 feet and drilled through 422 feet of salt, much of it crystal clear, before again reach no show and arrived its

In the druling of Paperval Provost No. 2, one bed 365 feet in thickness was penetrated at 4,605

I me durring of inflored income not to get the dead out need in michigan the personnel of a pers

12 miles south of this well, British American Hand Hills No. 1 was at lifed and encountered alternating beds of alth and gypsum in a zone 70 feet thick.

The most souther yre conded occurrence of rack so 1 's in Princess-Canadian Poorfic Railway No. 1 At this location, two feet of rock solf soccurred at a depth of 5,239 feet, indicating that the solf bods.

have almost lensed out Hence, this probably marks the southern limit of the basis of so I deposition.

Aborta has one solt plott of Lindbergh at the present time, the plant of McMurray having been

Alberta has one solt plant at L'inchergh at the present t'ine, the plant at McMurray having been closed at the end of 1950.

Common soft is suid for the "able", in the most pocking and fishing industry, for Investocs feed, for curring hay, as deficient for streets and "highways, and for a variety of other purposes. It is not meatering used in the product on of counties soda and chloruse, an industry destined to reach major properties in Albarto.



FOL YTHENE PLANT EDMONTON

## LEAD AND ZINC

A deposit of lead and zinc ones along the Alberta and British Columbia borders in townships 13 and 14 has been separted. While this deposit is believed to be of economic importance, no evaluation work has been done on it.

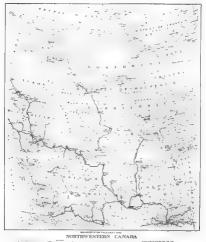
#### IRON

A deposit of iron one has been found by a company of it him for natural gas in the Notlikevic Biver are native. If this creative normherst A berty. The me is district and occurs in a seam over 50 feet hiss with operator are he having of the Notlikevin Biver. The eventworks of the district property over 15 and 18 with of the viries is 450 feet. Samples of the over how down up to 51 per cent oney need that all deposit or definite key of commercial significance but development w. 1, deposit on determined these recommendatives.

A deposit of iron bearing sandstone occurs west of Bioirmore. The iron is in the form of magnetite Extent of the deposit is not known.



BRAZEAU COLLIERIES HORDEGG



NORTHWESTERN CANADA

#### MINERALS IN THE NORTHWEST TERRITORIES

Northern Alberte, of which Education is the business centre, includes some of the next fortunater by endowed load ores of North America. Of major significance to northern Alberta is the geographical setting. Relatively, ossicions to the great waterways of the north, Education has alteredly become the control of the control of the control of the north, Education has alteredly become the property of the north, Education has altered to the control of the north, Education has altered become the property of the north property of the north, Education has altered to the control of the north property of the north, Education has altered to the control of the north property of t

From the urganism mines on Lose Athobaska and the gold and base metal mines on Great Slove Lake, the variety-may of the Meclacatic River Beaut lead the supply likes to Edinanton About 7,000 to Unanium City - in 1933 it was close to 50,000 to Yellowkerkerk. In 1922, 27,000 tons were shaped by Unanium City - in 1933 it was close to 50,000 ton.

correstly, most of the freight is canted by railroad from Edinostron to Waterwaye, a distance of 20 miles, From Waterwaye, shipments goby water down the Arthodoad Evert table Arthodoad Cerest table and the Arthodoad Cerest table and the Arthodoad Cerest table and the Arthodoad Cerest table and table a

Proctically of I the supplies for numerous mining comps and communities are shipped from Edmonton; and in addition these northern operations drop on Edmonton for men as well as incertaid. In fact, the emplayment demands for both men and women extend further affeld than the economic radius for shapping supplies.

### AIR TRANSPORTATION FROM FOMONTON

The passenger and freight traffic handled by the airlines operating north out of Edmonton is shown in the following table which includes figures for both 1952 and 1953. About 12 per cent of this traffic was from analysis

was from employees place	ed in jobs at Edmon	ton					
Passangers	Total No., Can Within Area	ned	Corried Into Area			Corried on of Area	ıt
1952 1953	19,916 21,712		4,172 4,078			4,360 4,008	
Freight and Express							
1952 1953	3,091,705 4,291,008	lbs. lbs.	865,102 965,523	lbs. fbs.		193,774 237,616	lbs. fbs.
Yukon Territary							
1952 1953	32,403 32,129		7,097 6,441			6,570 6,459	
Freight and Express							
1952 1953	1,028,453 1,055,928		415,097 393,115	lbs.		81,742 110,935	lbs. Ibs.
Within the Territories			Passengers		Corgo		
1952 1953			10,365 9,396		3,290,537 1,678,633	lbs. lbs.	

The uranium developments on the south share of Lake Athabaska have already indicated the need for a second landing strip for an traffic and this is now (1954) under construction.

Mirring men and merchants in this area are also pressing a request for a winter road from Waterways, Although the such shore of Lake Arbabaska over which freight can be haufed during the winter season and thence across the case to the mining operations and Ulumian (EV). In the winter months the mining operations and Ulumian (EV), in the winter months the mining operations and Ulumian (EV). In the winter months the mining occurrently depend on all freight for shipments of express and perishables, and it is fell that the high air tailfill can be substantiatly reflected by a winter road.

# GOLD

During the past few years, the position of gold as a commodity has weakened as casts of production continued to increase and the actual revenue from selling gold was reduced. The Yellawknife gold mines, however, were all able to improve their positions in face of these conditions. One reserves and production are generally higher while maintaining a much better outlook for future operations, Yellowknife now boosts of the gold mine which is Conndo's fourth largest producer.

#### BASE METALS

As the development of lead and zinc on the south share of Great Slave Lake gives promise of production in the near future, the outlook for base metals in the Northwest Territories enters a new phase, Production of base metals in the area would necessitate toilroad connections with southern Canada and this in turn would give new hope to owners of base metal deposits already known or under development.



EDMONTON ASSPORT GATEWAY TO THE MOSTH

Production of both crude oil and refinery products in the Territories follow the trend in other

### Production 1953 at Norman Wells

Crude Processed . . . . . . . . . . 365,689 bbls.

The refinery products have been shopped to Yellowknife, Uronium City and Peace River, and include ordinary posoline, aviation gosoline, lighting naphtha, fuel oil, etc. Current reports indicate that active exploration of the organd held in the Territories by oil companies is to be stepped up, and production to date shows possibilities of major developments.

ASSESTOS. A deposit of high grade long fibre asbestas is located in northern British Columbia about 40 miles south of Worton Lake on the Alaskan Highway, 450 miles northwest of Edmonton. Mine development and plant construction were present to meet on early production date which was reached on July 1, 1953, when the mill use strated. Mine production was of the rate of 810 face part day during the summer to provide one during the summer to provide one during the summer to provide one during the summer of the strate of the strategy of the strat

#### URANILIM

Umnium may yet prove of accomanic importance in the northeast corner of Alberts where the interest bearing Precarbine Shildle seches were not such that Alberts from ediporting Satisfactheron and the Northwest Territories. This one of Alberts has the describe geolog call structure for unnum occurrence, and, in Fact, numerous indications of with on when been noted, although the ores in the or amiliar part of Alberts in its entire fine fine for the Gunnor - Eldocado area of Sadarchevan. However, by July 1954 no describ of commercial importance Alberts in control of the Gunnor - Eldocado area of Sadarchevan. However, by July 1954 no described in a commercial importance had been provers.

Uransum is a new metal in the mining picture of the past few years and it is cousing most of the current activity. In the Lake Athobaska ones the two largest developments have marked this area as the most important for potential production of Uransum in North America.

All povernments concerned are most offentive to the northern developments and one giving much other to and assistants to the prometring wich that is going on. Its signify increasing pose and the visit reserves of metals that or the temper province are convicting evidence to governments that the exploration and development projects in these areas are of such accommic importance to the pioneer and to Conado as to warrons every recomble encouragement and hallow.



CONSTRUCTION OF TRANS MOUNTAIN OR PIPE LINE. 1952-53

TANK SR MINERAL PRODUCTION IN THE HORSHWEST TERRITORIES 1961 1957 COLD PRODUCTION SILVER PRODUCTION CORREST PRODUCTION TUNGSTEN CONCENTRATES 32,727 41,972 2 365,054 15, 327 5.064 3, 301 13, 220 74 962 7 561 3, 826, 689 22, 531 5,500 98, 218 2, 272, "51 13, 250 5.055 726 724 1,428 799, 820 13, 677 5,861 11,100

20, 773	799, 828	13,677	5.881	11,902	1,428	-	-
6,000	333,218	2,003	981	-	-	-	
23, 420	960, 505	6,112	5,113	-	-		-
62, 517	2, 109, 095	45, 255	32, 635	-		-	-
101 825	3, 556, 875	25.362	19.036	-	-	-	-
177 493	6,169.748	70, 503	\$2,350	-	-	-	-
200 663	7 \$35, 227	52 117	50, 58	~		-	
212 211	7, 819, 975	64, 229	40,728	1,994	834	-	-
247 581	6.494.601	59.259	49.452	6.500	1 969	7 735	15.472
292 741	10,675,673	65, 650	55, 165		-	-	
1540.0	ROBUCTION	arred tun	PRODUCTION	NATURAL CAS	SECOND TON	T0T41	VALUE *
QUANTIT		QUANTITY	VALUE	QUANTITY	VALUE	10176	******
GOANTI.	T VALUE	BBLS,	YALUK S	M.C.F.	VALUE.		\$
-	-	27, 564	47,328	1,500	338	2, 935	102
-	-	75,766	108.477	1 500	335	2,976	. 267
		293,750	400,201	1,900	335	2, 679	993
-	-	1.223.425	632.587	1.5m	335	1.440	065

YEAR

1941 74 417

1912 99.201

1943 99.032

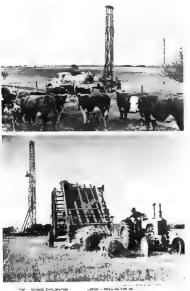
1644

LEAD QUANTILE 1955 212 /41 | LEAD QUANTILE 1954 | LEAD 1955 | LEAD

DUCTION	PETROLEUM	PRODUCTION	NATURAL GA	S PRODUCTION	TOTAL VALUE *
VALUE	QUANTITY BBLS.	VALUE	M.C.F.	VALUE	\$
-	23,564	47,328	1,500	338	2, 935, 102
-	75, 766	108.477	1 500	335	2,976.297
	293,750	400,201	1,900	335	2, 679, 993
-	1,223,475	632,587	1,500	335	1,440,069
-	345, 171	135,303	1,500	395	470.412
-	177, 282	173,392	1,900	335	1,039,325
-	227 474	500.238	-	-	2, 710, 982
	350, 541	676, 574	150,000	15,000	4.267.485
-	153,528	353 108	65.234	6.523	5,601 729
-	166.729	332 856	23.335	12 619	6,050.459
	227,449	399.887	18,333	7 625	5, 288, 747
4 443	314 217	379-169	24 847	9,090	8.944,835
-	314,000	375, 800	25,000	10,000	10,521 638
				*Exclusive checkly	M PROSCUTION
	Trace 57 MENE	RAL PRODUCTI	ON IN THE YUKO	W TERRITORY	

#### 1553 GOLD PRODUCTION SILVER PRODUCTION ZINC PRODUCTION TUNGSTEH CONCENTRATES QUANTITY VALUE VALUE 655,772 1641 70, 959 2.731 922 227,910 1.860 960 1540 45, 286 1,664,260 31,230 25,134 1940 60, 614 2 121 490 1.718,618 1,285,966 1649 \$1 970 2 959, 920 1 562,730 1 160, 227 847, 246 112 225 861 573 1950 93, 539 3 SST 549 2, 202, 779 2 583 455 5.507 122 1661 77, 504 2 656, 222 3.442 798 3.255 158 5 679 996 1 150 127 2 213 7,098 1950 1153 1541

	79,519	2 690.846	4,028.551	3, 384, 646	11,070,178	1, 932, 953	~
	69, 662	2 335 492	E 264 119	5.247 905	19 500,000	2, 232, 200	-
	LEAD PRI	DOUCTION	CADMIUM PR	OBUCTION	COAL PRO	puction	TOTAL VALUE
	QUANTITY LIES.	VALUE	QUARTITY LSS.	VALUE	QUANTITY TONS	VALUE	5
	1,763.758	57,260	-	-	~	-	3,117,992
	52,144	3,500			-	-	1,663,904
	4 500, 660	823. 559			3,501	25, 657	4,265,910
	5,356,405	045,212	-	-	3,116	29,792	3,099,176
	12, 665, 516	1 961,957	36 410	150, 871	3,703	40, 960	9,005,696
	12,533.071	2 306,665	96, 452	175,091	3,496	60,597	9,790.170
t	19,368.643	2,975,863	129.492	294, 979	1,442	129,345	11,386,451
	28,761 326	3 789,309	295,000	537 000	4.909	63, 990	14.362.807

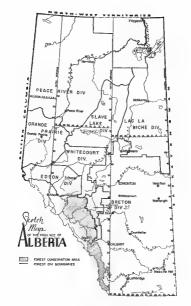


YOP SEISMIC EXPLORATION LOWER - DRILLING FOR OR

## **FORESTRY**

Prepared by

J.R H. Hall, Assistant Director of Forestry, Department of Lands and Forests



### FORESTRY

The Northern Alberta Forest D'istrict comprising most of the forested area of the province, has been subd'inted into forest Divisions as shown on the map appear to. These divisions are administrative units and the duties of the personnel or a cultimed loter in this section.

The East Slope Forest Conservation Board was set up to conserve the forests on the east slape of the Rocky Mourtains, and to ensure protection of the watershead of the North and South Saskatchework Revenue and these trainings and the saskatchework Revenue and these trainings are set of the North and South Saskatchework

A list of the forest districts in Alberta and their security or follows

Districts:												Sq. Miles
Forest Conservation Area												
Crowsnest Forest Reserve			 	 		_		 		 		1,253
Bow River Forest Reserve	í.		 			i			i	 		1,253 2,203
Clearwater Forest Reserve			 					 	i	 		5,130
Northern Alberta Forest Distric	.,									 	ï	142,186

The principal tree species in order of present importance are spruce, lodge pole pine, Dauglas fir, poplar, balsom fir, white birch and temprack.

About one quarter of the total area of Alberta (the southern, southerstem and eastern sections of the province) in without tree growth of a size to note see intimeer. This leaves the mountain and football areas of the south, the more or less broken head matter country of all the Alberta streams, and the northern held for the province to Furnish the generate part of the timber wealth.

The land area of the previous usessed as forested particle of the East Slopes Conservation area, the National Parks and Indian Reserves recognized or the present time is 142,185 77 square miles. This arise has been divided at the 27th parallel. The area North of the 57th parallel as 00,778,14 square miles whenever the total parallel as 00,778,14 square miles whenever the state that the total parallel as 00,778,14 square miles whenever the state of the 57th parallel as 00,778,14 square miles whenever the state of the 57th parallel as 00,778,14 square miles whenever the state of the 57th parallel as 00,778,14 square miles whenever the state of the 57th parallel as 00,778,14 square miles whenever the state of the 57th parallel as 00,778,14 square miles whenever th

Productive Forest Land												
Potentia, Forest Land												22,220
Non-Productive Forest Land		٠.				• •	,		 ,	.,		21,362
Primrase Sambling Range	***											2,241
(not yet inventoried)												
TOTAL (South of 57th Po	al le	13		_	_	_		_		_		81,407

The productive forest land inventoried is computed to have a net merchantable volume of 37,900,000,000 cubic feet of wood in trees 3.5 inches or greater in d'ameter at breast height. This volume is made up of the following species.

Coniferous Growth		Cubic Peer
White Spruce Black Spruce Balsom Fir Jock and Lodgepole Fine	23% 3% 2% 23%	8,579,000,000 1,119,000,000 746,000,000 8,579,000,000
TOTAL	51%	19,023,000,000

Deciduous Growth
Poplar, Aspen and

Ft.b.m.

White Spruce 11.6 inches in diameter and over at breast height;

	ermature ture		1,685,000,000
	ngture	***************************************	11,102,000,000
	Total	i	17,359,000,000
Jack and Lodgépa é Pine 10, á	inches 'n	diameter and over at breast height	Ft.b.m.
	ermglure		258,000,000
	iture ngture		2,017,000,000 8,148,000,000
	Total	l	10,423,000,000
		GRAND TOTAL	27,782,000,000
2,408 square miles of small to compute the valume.	the produc	stive forest land support regeneration	forests of a size too
The area classed as patential f	orest fand	is made up of denuded areas such as	Sq.Miles
	d Burns	***************************************	13,052.0
	cen+ Burns	*******	9,114.0
	ear Cuts		52.0
Rec	cent Windfo	sll	2.0
	т	OTAL	22,220.0
The area classed as non-produ	ctive forest	and contains the following	Sq Miles
We	tar		2,742.8
On	en and Tra	ed Muskep	16,827 6
Cu	tryated La	nd	451.0
Har	y and Grass	s Meadows	20,7
Bor	nen obove !	tree line	1,184,2
Sru	nted above	tree line	136.3
	1	OTAL:	21,362 6
			- Andread Street
			CONTRACTOR AND
		and the second second	ACCUPATION OF THE PARTY OF THE
A. A. MANAGE	Section 1	CARLES AND RESERVED	



In Alberta the general parky of the financial Committee to be the depart of the holpes by repring of committee or of within their call and related and only of committee the upsteen the apparent forms without of the conduction and of the comparison the former consistence of the fixed of the form of the fixed of the committee of the fixed of the fixed of the committee of the fixed of the fixed of the committee of the fixed of the fixed of the committee of the committee of the fixed of the fixed of the committee of the c

The processor members of the processor or proceed on and compressor of American for the processor or the members from our reporter or operate the air of ting for observing gold offer legislating processors. On the compressors of the compress



SENSONS ENFLORATION LINES ALBERTA FEBRUALS

In the matter of forest fire protection often reliany lines, the provincial regulations are upplemented by the Domaino Rollingov Act, administered by the board of Tongoport Commissioners Certain affices of the forest service are appointed exhaustions offices of the Board of Tongoport Commissioners and concentrate with personnel which the new busy composes or required to employ under the product of concentration with personnel which the new busy composes or required to employ under the product of the product of

Fire dataction is comed out by means of lookout towers fitted with radio at telephones for reporting fires. Field staff and equipment are maintained in Barger Dutricts and strategic point ready to deal with fires when twey are reported. These staffs when not suapaged an fire control duties are employed on Unifor imperiors, fish and game supervisor, construction and maintenance of roods, traits, telephone lines, fire quarted and other necessors reprovements.

Fire suppression tools new are generally suppresented by heavy equipment including cotorpillar tractors with dozer blades. These machines have been found indispensable on large fires in working on fire in end on construction of fire guints. Hand tools, including hand pumps, showels, awas and sown

are used in compaction with the dozers. Power purps are also used, but to a leaser extent as generally sufficient water supplys snot available.

The enforcement of legislation has tended to reduce the fire menace. The establishment of closed seasons for brush-fromming, and seasons coving which permits are required for setting out fires and for truther in the contraction of the contraction o

Another "reportent advance in forest protection is the development of methods for the daily measurement of the actual degree of focest-fine danger. Publicity work has played a very important part in education relating to focest conservation, the value of forests, the devastet on caused by fire and the reasts of preventing such destruction.

TABLE 60. - TIMBER PRODUCTION - ALBERTA, 1941-42 TO 1953-54

	Fr.b.m.	No.	No.
1941-42 1942-43 1943-44 1944-45 1945-46 1946-47 1947-48 1949-50 1949-50 1950-51 1950-52	272,345,129 228,703,425 182,407,992 353,625,868 273,259,563	No. 1,086,823 1,797,703 1,286,684 3,056,257 2,284,690 1,671,473 1,496,863 1,697,738 853,587 1,126,708	No. 7,539,555 5,548,928 233,850 1,329,313 1,592,570 2,111,633 1,586,010 667,350 600,140 2,729,900 555,330
1952-53 1953-54 (preliminary)	396,389,389 381,000,000	1,589,979	1,633,200

Tables on Gross and Net Value of Forestry Production will be found in the Survey of Production section.

In general the value of lumber at the mill has increased from approximately \$23.00 per M. Ft.b.m. in 1941 42 to approximately \$40.00 per M.Ft.b.m. in 1952-53.

The chart on the apposes page indicates the season frother of the lumber industry in Alberto Pack, where production is neath of the last freeze years was seaded in the month of freeze production in recorded for the months of the pack and the production is recorded for the months of they or June, atthicting department are at a law edit from Apart for November activers by and large this fair are at law influentations of early many in other types of industry. The winter months are relatively stack on the fames and in the construction industry and influent operations can greatedly about home of the unetter years.

The second chart shows the fructuations in lumber product on from Alberta Crown Lands over the last thirteen years. The general upward trend is quite evident.

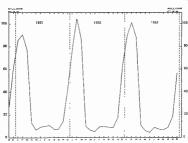
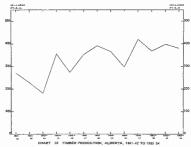


CHART 37 TIMBER PRODUCTION, BY MONTHS, ALBERTA CROWN LANDS, 1951-1953





## **FUR**

Prepared by:

D.E. Forsland, Superintendent of Game, Department of Lands and Forests. These has been a considerable change in tragging production and fur trade in the last 10 years. The prevince but become one settled and additional food the torget under collivation. One of the najor problems for the Game Branch of the Department of Lands and Roseth is that of supplying the tragger with full for trade from a contributely described games shalled for wind for production. As a consequence for forming under the Department of Agriculture has become more and more important to the for trade.

In 1941 a system of insplateling the trapplines because necessary to conserve that the resources, for province, Prior to the system of neglectering the insplice, any resident of the province and cold admine a "sessiont trapper liberars" and trap sensitives in the province or Cowe Lands. This system of free trapping did not lead Thatfill to the conservation of the best recognisities are insolvable trapper and not loave on incentive to improve the area over which he trapped, first the occupanying statistics it will be neptical that this is particularly trans in connection with the hereating of the suckord stood.

Ten years ago practically no beaver were harvested in Alberta. During the year 1953 the beaver harvest has neen to fourth place of importance in the fact trade. The value of beaver palls sold in that you second out that allows assectively.

As can be noted from the statistical tables of for production the number of palts taken from 1941 to 1953 has required fairly constant with the exception of the year 1942, which shows a remembous in receives in the number of parts stated. This increase however, is very suitedning because in that year six million robbit palts were exported from the province. This support of robbit palts only lasted for the one season. The Increase in revenue from the first sold in 1942 did not below a connectable increase.

During the period under review, these has been a gradual section in both notional and intercational far enders and the last four or five years have been very difficult years for the fur trade, Prices for certain flux such as beaver did strengther or the feat season (1953–54) but generally speaking there has been a stepdy decline in for prices over the last four verse).

It is rather surprising that the Aliberta für harvest has kept its values in view of the very serious decline in the demand for the long-haired fürs such as faxes, cayotes, skurks, bedgers, etc. Since about 1950 trappers have concentrated aimsst enthely on makerings, spurres, entine, begever and mink.

There has been a gradual increase in the amount of furs produced on privately owned lands. Many farmers have somewhile land and are becoming aware of the fact that the fur cop which they take of 10 sone of these posters ideas is of a much or many value than other products which may be a useful. These who has been on increased demand for marked thingship increased. The products will be a supported to the contraction of the products which may be a much on the products which may be a made in the products which may be a made to the products and the products when the products are the products and the products are the products and the products and the products are the products are the products and the products are the products and the products are th

TABLE	61. — AVERA	GE PRICE O	F FUR PER P	ELT, BY MA	JOR KINDS - A	LBERTA, 1	941 -1953
FISCAL YEAR	SQUIRREL	COLONE	Fox	MINK	MUSKRAT	OTHER	TOTAL
CIUNE	SCOUNTER	-noune	FOX	angers.	MIDWINE !	DIFFER	TOTAL
30TH)	\$	\$	\$	\$	\$	\$	\$
1941	.28	1.00	18,46	10, 66	1,50	,87	1,08
1942	32	1,30	16,96	10, 13	2,08	. 16	,44
1943	,36	1,60	17,47	12, 85	2,65	1,31	2, 05
1944	, 60	2,37	17, 14	20,97	2,12	3,30	3,10
1945	.45	2, 23	11, 25	20, 19	2 45	4,66	1 21
1946	.90	3,15	8, 27	35, 60	3,10	4,39	2 13
1947	. 50	1,65	5,35	22,00	1,70	5,79	, 92
1948	. 69	2,37	5,16	28, 62	2.37	9.65	1,41
1949	25	1 60	2.10	22,00	1.38	9,27	, 73
1950	.36	1.51	3.54	28, 13	1 70	8,55	. 92
1951	.79	2,29	3,05	33,42	2,18	5, 88	1,45
1952	.48	1,76	2.07	24,50	1,40	7,58	. 83
1953	.50	1.32	3 31	20.50	5.1B	6.78	. 96

29,378

48, 831

32, 685

24, 862

21,585

37,426

21,951

26,778

1,411,571

1,695,936

1,958,497

2, 637, 657

2,053,456

1,722,411

2,013,890

1,018,220

TALLERS - WIE DIE ME DOZONIA VIAM OF CHO BY MAIND KINDS - ALBEDTA 1908-1905

	1-11-00			1000	- /	,	
			NIDM	BER OF PELTS	5		
YEAR**	SQUIRREL NO.	NO.	FOX NO.	MINK NO.	MUSKRAT NO.	NO.	TOTAL NO.
1928	232 933	109,687	4 908	1 708	300,015	281,799	923,150
1928	£95,005	257,575	4,605	2, 672	537,556	251,149	1,669.362
1930	181 049	182, 204	5.553	2,457	274, 511	124,303	770,377
1931	247 991	119.827	11,334	3,235	510,036	45, 978	941 401
1932	286,494	252, 091	16, 354	5,485	512 977	60,457	1,145,683
1933	316,333	267,461	25. 222	2,550	555,391	44,128	1,215,094
1934	1,365.326	198,942	32.078	9,377	544, 808	118,972	2,270,503
1935	1,179,165	127, 383	35,047	9, 274	404, 428	95,328	1 830,625
1936	473, 393	213,090	29,379	12,145	397,029	149,426	1 274 967
1237	1 309 239	321,499	24 507	11,367	274, 640	126,555	2,058.118
1938	1 024 356	156.512	23. 290	13,855	ED9, 285	56,855	1 476,636
1639	1,709,152	208,043	29, 516	30,219	237, 224	59, 672	2,273,826
1940	3,025,091	396, 270	31,208	59,785	391 770	71,490	3,977,118
1941	1,534,804	181,132	27 372	74,970	\$28.757	454, 389	2 601 434
1942	4,967 933	525,269	38, 202	76,090	250, 945	5, 254, 247	11 713 616
1943*	1 165,367	220,569	61,034	111,127	287, 787	628, 432	2,459,206
1944	667,039	180,473	43,446	15,397	223,419	297,473	1,452,247
	1 277 922	146,950	16,587	6,307	159.477	84,808	1,696,140

4,348 168, 232

6. 887 558, 907

2. 866

454 MO

520

1,678

	Trest 63. VAL	USE OF WILD	LIFE FUR PRO	DUCTION - AL	BERTA - BY MA	JOR KINDS, 1928	<b>⊢195</b> 3
YEAR**	SQUIRREL S	ERMINE.	FOX	MINK S	MUSKRAT \$	drawnin S	TOTAL
1925	47 197	191.952	194,260	25,420	390, 919	812,634	1,661,692
1929	121 201	401.363	258,370	40. CB0	545 017	1,007,110	2, 473, 191
1930	27, 157	182,204	347, 306	24,570	164.887	437,744	1,143,670
1231	24, 799	107,844	417 330	25,890	305, 022	236, 152	1 1(8,027
1922	26 549	138,908	296, 249	19.535	205 191	168, 499	877 532
1933	22 143	128 341	456,256	33,380	233 254	201, 459	1,074,865
1934	163,559	141,249	419.479	57, 200	326,885	225, 026	1 533 758
100	106,125	59,870	707,015	51.007	323, 542	231 105	1 474 654
1936	71,665	53.425	634,750	66, 837	425, 791	323 673	1 696 565
1937	261 548	353 549	554,775	150,044	357 032	484, 159	2, 161, 507
1938	92 237	82,955	444,426	121,981	133 514	278,628	1,136,013
1928	186,007	114,424	334 192	275, 482	199. 266	235, 757	1,345,130
1940	574 957	249,965	494,286	476,304	\$21,054	282,312	2, 514, 678
1941	429.745	191 132	505,300	799, 180	493, 136	397, 580	2, 905, 073
1942	1,589,739	684 150	648, 175	770, 792	521 758	948,022	5, 162, 836
1943*	419,532	352,910	1 067,095	1 723,532	683.056	825 397	5,071,522
1944	412 223	427, 721	1 020,410	1,367,854	474, 161	584 137	4,686,506
1945	575 Q96	332 179	186,585	157, 801	390.719	395, 663	2 048,063
1946	672, 604	545,778	74,930	96, 597	1 173.099	435, 911	3,002,419
1947	669, 319	218,061	13,542	95,656	285, 994	283, 136	1,546,308
1948	897 089	401, 177	4,714	45,912	1,097,767	315,332	2,741,591
1949	466, 137	291 094	2,414	164,914	771, 292	250, 932	1,926,783
1950	\$17,681	239, 376	4,357	71,140	865. 07E	191,937	1,088,947
1951	920, 515	180,088	9.410	135.652	946.116	339.197	2,530,978
1952	714,358	162,422	3,471	70,217	678.604	175,780	1,765,849
1953	488, 484	241,017	4.00	100,902	544, 809	237,630	1,616,884

<sup>\*</sup> YEARS HIS THE SHOW AND OF WILD LIFE AND FUR FARM PRODUCT ON SEE ALSO FOR FARMS IN THE ASSICULTURE SECTION.

1947 1, 339, 837

1948 1, 300, 129

1949

1930 1, 369, 740

1931 1 165, 209

1932 1 468, 240

1983 976, 967 182,589 1 216 4 923 473,747

748, 671 1946

1 864, 547

173,263 9,062 2,778 378,419

132, 158 2,530

169, 273 2014 2,305 463, 193

181,934

158,527 1,225 2 529 508, 868

78,641 3,083 4 059 433,998

92,255

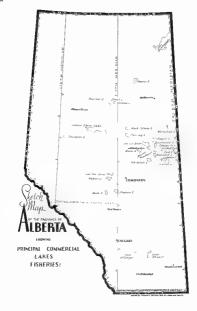
<sup>\*</sup> F. MEAL YEAR GISHE NO



## **FISHERIES**

### Prepared by:

H.B. Watkins,
Superintendent of Fisheries,
Department of Londs and Forests.



## TAMES 64. - COMMERCIAL FISH PRODUCTION - BY SPECIES

			ALBEK	IA, 1941-42	10 1425-2	u		
FISCAL YEAR	WHITEFISH	TROUT	PIKE	PICKERE.	PERCH	TULLIBEE	MIXED	TOTAL
END, MAR 31.	LBS.	LBS.	LBS.	LBS.	LBS.	LBS,	LBS.	LBS.
1941-42	2,296,676	32,393	495,167	265, 636	46,958	2,470,412	312,857	5,920,099
1942-43	1,916,496	18,556	504,674	254, 337	75,816	3,324,864	64,140	6, 58,883
1943-44	2,374,532	21,716	585,519	840, 164	128,628	3,596,665	210,297	7,757,521
1944-45 · · · 1945-46 · · · · · · · · · · · · · · · · · · ·	2,655,016	21,492	430,150	994,659	152,643	3,319,306	152,105	7,725,371
	3,253,621	79,860	657,837	846,083	205,047	3,374,524	167,033	8,584,005
	2,649,881	111,878	585,146	612,466	244,957	6,688,432	179,838	11,072,598
	1,776,629	21,372	702,239	388,243	200,685	6,514,847	292,532	9,896,547
1948-49	1,759,816	3,463	559,797	259,044	46,555	4,339,130	255,096	7,222,901
1949-50 · · ·	1,869,849	15,177	592,782	135,656	54,265	3,159,532	456,799	6,284,060
1950-51 ·	2,108,434	9,154	376,458	127,622	19,098	3,591,704	378,630	6,611,100
1951-52 · · · · · · · · · · · · · · · · · · ·	2,745,433	8,393	513,049	224, 135	58,972	5,004,601	355,911	8,910,494
	3,113,007	10,886	475,485	142, 446	192,775	5,703,285	297,932	9,935,816
% of Tota ) (12 year ), , , average) }	29 68	.36	6 74	5.29	1,48	53.17	3.25	100%

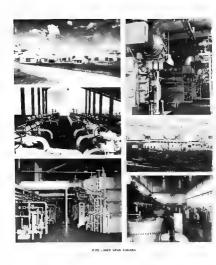
	EARLE DO.	-VALUE		TA, 1941-42		3 3	CIES	
FISCAL YEAR END MAR ST	WHITEFISH	TROUT	PIKE	PICKEREL	PERCH	TULL IBEE	MIXED	TOTAL
	\$	\$	\$	\$	\$	\$	\$	5
1941-42 .	. 300,742	11.592	35, 416	25,686	4,324	55,618	7,066	440, 444
1942-43 .		5,938	48,853	35, 192	10,893	77,266	1,330	607,969
1943-44	591,413	5,646	58,249	143, 116	22,580	145,984	6,790	973,778
1944-45	. 518,293	4,728	37,629	123,509	19,341	156,521	3,117	863, 138
	. 969,498	28,837	61,736	199,726	37,226	148,782	5,912	1,451,717
	. 807,745	39,418	50,623	136,298	42,485	261,240	2,731	1,340,540
1947-48	. 392.537	5,805	59,981	80,777	28,057	279.736	9,768	856,661
948-49	350,088	849	44,639	27,771	6,229	199,747	7.073	636,396
1949-50	421,919	3.642	51,488	27,047	8.038	132,860	13,543	652,537
1950-51		2,184	38,499	23,682	2,443	155,850	10.312	652,001
1951-52	. 630,528	2,241	59, 131	40, 226	7,779	197,874	8,456	946, 535
1952-53	. 585, 179	3,032	49,788	27,594	24,674	202,585	6,869	899,721
% of Total )								
(12 year ) average )	62 16	1.13	5.77	8.57	2.07	19.51	.63	1009

FISCAL YI END, MA	R.3	1												POI	JNDS													ENT CAT	
1941-42															8,931													52.	
1942-43															9,018								,					37.	
1943-44					·										2,738													36.	.96
1944-45						ļ				,					9,652													43.	
1945-46															2,914													44	19
1946~47														3,49	6.728													31.	.56
1947-48						0		١						2,78	2,156													28.	.11
1948-49														1,44	9,989	- 1												20.	
1949-50								٠						1,34	4,841													21.	
1950-51														1,40	1,972				÷	·						ı.		21.	.21
1951-52		1	ľ			Û					í				0,922		,		ú		0							21	89

	TOTAL	35,745	36,084	85.778 88.778 88.778 88.778 88.778 88.778	50 50 50 50 50 50 50 50 50 50 50 50 50 5	14,790	3,5,5,5,8 91,7,9,8 91,7,9,8	24,006	31,245 31,910 12,315 5,100	45,628	1,607	88,
	WHITEFISH	8	75,200 14	19, 200 19, 200 145, 200 772	31,270	6, 380 5, 177	25,59 2,59 10,79 10,79		380	7,250	, <u>1,</u>	G
	TROUT					٠.		٠.				
ALBERTA	PIICE	830	25,300 0,416 0,300	24,371	5, 5, 4, 4, 5, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	0 151	5 · 25 g	5, 425	3,930	9,760	3,724	8, 120
ND SPECIES -	PACKEREL	285	2,817 816 2,650	' 2883 '	2, 67	2,272	96.	.89	. 2,304	٠.	2,363	2,350
4 - BY LAKES /	9 INCH	380	2,480	, ,7,	07. ' ' 20 67.6 69.6	2,290	1,786	2,130	2,221		, 20	200
COMMERCIAL FISH PRODUCTION - BY LAKES AND SPECIES - ALBERTA FISCA, YEAR 1962-1953	SUCKERS	9	8		988 98 9	"	3,000		8.,,		.,	009,
COMMERCIAL FI	TULLIBEE	34,110	1 1 1 1 1	20,000	14,050 25,638 2,537	2,972	069'1111	3,640	21,900	20,322	4,750	9,930
Trend 67	SN S	370	8	2,800	98:11	135	8,,8,		g , ,	, ,		906
					. 7			(84-5-4)		iş.		

man so every many servery many

	TOTAL	400,650 32,285 68,900 6,366,911 1,730 1,730 1,187	83,049 3,383 131,110 2,110 60,621 54,354	258,500	12,286	2,371	18,365 1,256 1,256 1,256 23,400 23,400	143,436	142,737 22,683 22,630 17,123 99,949
	WHITEPISH	123,745 20,975 41,730 1,064,629	72,483 130,000 2,116 7,116 51,600	238, 300	231,400	22,850 2,149	5,020 3,000 22,950 23,414	123,468 6,099	138,645 52,841 250,000 156,000 20,514
(pe	TROUT				10,886	. , «	******		
AKES AND SPECIES - ALBERTA (Continued) 52-1953	PIKE	26,215 1,770 2,740 6,200 21	3,330 1,000 1,000 2,200 2,200	20,000	9,000 46,517	1,300	0,306 9,308 1,369 1,369 2,369 2,369 3,000	15, 847	2,728 963 1,330 17,760 3,008
SPECIES - ALI	PICKERFL	39, 108	1, 806 20 2, 107 7, 788	, 969	96,8	88	158	2,736	320
7.5	PERCH	25 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	991,1	, ,			3,990	340	821.7
RODUCTION - FISCAL YEAR	SUCKERS	3,187	2,050 873 90 1 450	, ,	,₿,	, w		.,	.,,8,8
COMMERCIAL PISH PRODUCTION -	TULLIBEE	190,159 6,965 5,061,953 2,600	300,000	. 9		24,800	96,735	395	4,449
ŭ	LING	2,665	2,860		18,000	٠,		450	2,480 1,100
		:	;		:				::
	LAKER, R. M.)	Lac La None (37-14-4). Lac La None (37-2-5). Lac Ses Ama (34-2-5). Lavarene (97-27-4) Lanser Slave (74-5-5). Lenje (32-19-4). Lenje (32-19-4). Lenje (32-19-4). Lenje (32-19-4).	Marr a (45-2-4) Mr (40-2-4) Mr Gregor ( 9-22-4) Mr Land (5 - 1 - 5) Mr Land (5 - 2 - 4) Mr Land (5 - 2 - 4)	Newall (17-4-4) .	Pearless (80-5-4)	Rock 'sland (75-22-4) Round (90-4-5)	Sendy (39-22-4) Sendy (99-14-4) Shiring Bank (36-14-5) Singer (49-13-4) Stenner (74-5-4) Stenner (74-5-4) Stenner (74-5-4)	Touthwood (67-10-4) Troot (Graham) (87-4-5) .	Waterson (55-4-5) Wayerson (61-13-4) Walestin (62-13-4) Wil ion (14-20-4) Whefied (75-4-4) Walf (64-7-4)

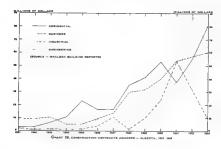


CONSTRUCTION

### CONSTRUCTION

The Alberta construction industry has asperienced a parise of asperalers nor the clear of World War 11. During the worr and in the insundedite portionary specimentary control interface where of the insufficiency production of the consequent baseling of burlang contracts node for responsely constant aspecyers. In earth year new methods of secting properies recolouses, specially second origin building projects, enabled foliciting to proceed underspeed by changes in weather satisfactive resolutions are leverage than the control of the control

Parties one of the most reliable guides to the trends in construction is previded by Macleen Bulling Berost. From this graph is "It is seen that resulted building not been ministrated at accordant yoursed trends, reflecting the general property and stability of the period. Industrial building reached a poets in 1951 where the large chemical paints at Edmontant and Calipary were two results extra services. The property work resolved paint in 1951 where the large chemical paints at Edmontant and Calipary were two requires extra Engineering work resolved a peak in 1952-53 during constructions of the piperine to the west costs, and reflected or will the heavy executions that the control of the piperine to the west costs, and reflected or will the heavy executions that the control of the piperine to the west costs, and reflected or will the heavy executions that the control of the piperine to the west costs, and reflected or will the heavy executions that the piperine to the west costs, and reflected or will be a piperine to the west costs, and reflected or will be a piperine to the west costs, and the piperine to the west costs, and the piperine to the west costs, and the piperine to the west costs, and reflected or will be a piperine to the west costs, and the piperine to the west costs, and the piperine to the west costs, and reflected or will be a piperine to the west costs.



whiching permit issued by the crites and town of the province also provide on risks to the permit values of construction. One of the encouraging features to be noted from the study of these Figures is held construction used between confidence to the larger central. The deliar value values of critical from the contraction was the rest asset confidence to the larger central confidence critical fails more than deducted. It was the some in mind that because permit only cover work down within the copacities liaish of the city or town. For instance, the reference and chanced plants, valued at well once? 130, 000, 000, of the devotor's exemen understance can included in the value? Edization of well once? 130, 000, 000, of the devotor's exemen understance can included in the value? Edization for the confidence of the confidence of the confidence of the color of the co

Tax. 6 - RESIDENTIAL CONSTRUCTION ALBERTA, 1919-1953

YEAR	OMBER CONSTRUCTIO JAN. 1		TO DEC. 11 COMPLETED	ASJUSTNENT	UNDER CONSTRUCTION DEC. 31
JAN. 1 TO DEC. 31	1949 5, 252	9,519 8,465	6,223 8,411	-364 - 7	8, 342 4, 320
AM. I TO DEC. 31	1951 5,833	6,612 5,442	7,266 6,087	- z	5,600
JAN, I TO DEC, 31		7 415 9,625	8,254 3,854	+ 51 35	5, 877 5.613

TABLE 59 CONSTRUCTION WORK PERFORMED, VALUE, ALBERTA, 951 1992

1/PE of Construction - 1887 1882 1893 1882 1993 1892 1993 1893 1893 1893 1893 1893 1893 1893	UE 80 349 758 400
TYPE OF CONSTRUCTION - \$2.00 \$40.00 \$100 \$100 \$100 \$100 \$100 \$100 \$100	UE 80 349 758 400
\$ 1000 \$ 1000 \$ 1000 \$ 1	349 750 400
TOTAL CONSTRUCTION 379 256 475 222 568.253 617,	349 758 400
	758 400
	420
RESIDENTIAL 77 900 87 900 123,590 123	
NDLSTRIAL 20. 436 44,202 38,451 26,	
	100
	710
OTHERS 12.480 14.687 13.969 19,	191
TOTAL ENGINEERING 75,266 243,419 282 155 340.	491
ROAD. HIGHWAYS AND BRIDGE CONSTRUCTION 48.053 54,555 65.451 79.	281
WATERWORKS AND SEWAGE SYSTEMS 13, 725 IN 853 23 008 23,	
DAMS AND IRRIGATION 8,083 13 190 14.441 13,	
ELECTRIC POWER CONSTRUCTION 11,126 15.212 10.679 14	
RAILWAY TELEPHONE AND TELESINAPY CONSTRUCTION 23.810 25.912 27.515 29.	722
GAS AND OIL FACILITIES 80,821 103 219 139,407 185	213
	242
OTHER ENGINEERING 7 920 3 422 2 646 Z.	198
BALARIES AND WAGES 122.746 Nº 169 163 734 160.	217
GOST OF MATERIALS USED 193 000 281 810 320 201 363	100
AVERAGE NUMBER OF EMPLOYIDES NO 46,434 44 560 50 367 54,	985

PO PROLITIONARY ESTIMATES SQ FORSTART

FROM TO USE CONSTRUCTION STATISTICS WAS CONSTITUTE ON A SECTIONAL SALES OF THE SOURCE SAMERE OF STATISTICS. AS THE OLD SCALES
WALL BE CONSTRUCTED STATISTICS. AS THE OLD SCALES
WALL BE CONSTRUCTED STATISTICS.

		Total 20	-CONST	RUCTION O	F DWELLING U	атия.			
	IN URS	NAN CENTRES	OF 5,000	POPULATIO	ON OF MORE	ALDERTA	1945-195	13	
		1969			1949			1850	
		TO 055, 34	UNDER		TO DEC. 31	UNDER		TO DEC. 31	UNDER
LOCALITY	STARTED	OOMPLETED	DEC, 31	STARTED	COMPLETED	DEC, 31	STARTED	COMPLETED	DEC. 31
CALGARY	1,331	1 375	1,195	1,505	1,996	799	2 134	1 976	923
EDHICHTON	2, 365	1 764	1,187	2,748	2,261	1,546	3,132	2 776	1 899
LETHBRIDGE	317	226	257	431	356	362	205	423	132
MEDICINE HAT	_	250	1.75	106	100	an	119	117	79
RED DELÉR	**		**		**	**		**	**
		1951			1952			1953	
		TO DEC, 31	SHEER		TO DEC. 31	UNDER		TO DEC. 31	UNDER
	STARTED	COMPLETED	CONST DEC, 31	STARTED	COMPLETED	COHET	STARTED	COMPLETED	DEC. 21
CALGARY	1.467	1 482	725	2,584	2,092	1,882	3 477	3,216	1,754
EDMONTON	2,208	2,484	1 562	2 919	2,964	1,679	4 377	3,701	2,543
LETHBRIDGE	292	250	86	213	269	135	336	320	138
MEDICINE HAT	76	10	38	154	137	22	_	125	191

THE BUILDING WITH SHE EXTREMES FROM COTTAGE OF THE BUILDING

\* A SWELLING LOUT IS DEF HED NO A STRUCTURALLY REPURSTE BET OF LIST ON FROM A COUNCIL PARKET ARTER. \*\* PROCESS NOT ANYTHING.

	1947	\$ \$	\$45,000 15,019,500	16,464,500	278,000	. 646,000	846 400	1,671,700	1, 935, 708	1,812,800	13, 649, 700	(0.597,080	42,000	932, 400	437,000	6, 518, 900	47 425,100
		Ď,	2 2	2860	21	25	22	22	Ē,	9	8	120	e4 =		d to	82	200
	1948	VALUE \$	250,080 13 980 680	16,240,600	114,100	611,400	598,100	r, 906, 800	31,600	2, 508, 106	9, 777, 908	3 674, 700	6,000	468,100	4 734, 100	\$ 679, 660	38,977,900 3518
		문	8 22	3343	æş	2 2	ï.	8	8-	ŝ	ŝ	8			, v	2	1209
2847	1945	VALUE	160,900	22,943 700	63, 308	1, 280, 309	419 200	896, 200	943,100	1,657,700	5, 661, 300	1 714,780	1	221,020	1 444,000	2 958 100	32, 677, 900 4021
1961	-	Ď.	* 2	2,99	2:	2 2	2	2	g -	38	ž,	Ē			p w	n	6037
THE 71 -CONSTRUCTION CONTRACTS AWARDED ALBERTA 1941-1953	1944	VALUE	75, 500	10, 636, 100	68,300	691 200	369, 800	643,360	18, 760	104, 400	4, 909, 900	944,000	980'090	13,400	387,000	3,001 800	19, 561 900 6537
WARD		Ď,	200	3350	= :	2 17 2	\$	2 8	8 ::	239	889	2	40	۳:	2 6	ដ	50
ONTRACTSA	1963	VACUE	35,000	6,585,690	16,300	415,100	181,400	364,900	0,400	872,000	10,265 600	1,331 908	6,500	30,000	52, 50d	267, 200	18,629,320
100		Ź	2467	17	2 5	===	\$	2 2	9 4	477	Ē	8	***	٠,		5	2
-construc	1942	VALUE	12,500	3,164,000	71,800	1,083,890	212,300	34,300	108,500	131,108	9,323 200	1,277,280	1	250,000	2007 130	736, 738	14 401 100 335A
Ė		2	٥ چ	1145	8-1	2 2	Į.	2 2	- 24	×	8	2		2	2 "	32	1525
ž.	1961	VALUE	228 000	2, 809, 100	205.700	135,400	68, 603	237, 200	28,000	352, 100	8.784 400	2, 243 400	100	329,400	20,000	1,761,900	15,538,600 1528
	-	2	2 \$	5 7	2 ;		9 :	30	E m	36	Ē	ži		22	3 ~	6	1473
			APARTMENTS RESIDENCES	TOTAL RESIDENTIAL	CHURCHES	5	CAPTICE BUILDINGS	SCHOOLS	THEATRES	WARRHOUSES	TOTAL BUSINESS	TOTAL INDUSTRIAL	1	SEWERS AND WATERMAINS	GENERAL EMGINEERING	TOTAL ENGINEERING	GRAND TOTAL

	÷	948		1949		1950		1991	-	1965		1953	
	ĝ	S VALUE	2	*	2	VALUE	2	S S	ĝ	VALUE	£	V.	VALUE S
APARTMENTS RESIDENCES	30 62 80 62	33, 160, 200	2 8	2, 141 000 38 860, 700	121	8,653 000	3884	1,810,560	8008	6 003,380	168	12, 560,30	6.5
TOTAL RESIDENTIAL .	- \$130	35, 334, 405	2	41,101,705	8	\$2,882,900	3343	37,423,830	2000	53, 240, 100	9825	40, 982, 60	8
		636.060	36	180.300	2	988.400	2	1.102.900	8	1 660.000			0.004.30
sydes	22	4.703.103	223	1,032,405	120	2,049,600	22	3,801,450	22	1, 633, 300	22		1,602,10
O CLUBS	2	6, 550,000		3,194,303	r.	10,082,900	21	2,741,230	2	4, 18,300			3, 148, 40
PUBLIC BUILDINGS	8 2 3	990, 100		3, 184, 800	4	5, 78g 70g		21, 569, 330	8	28 610,300		-	
STORES, ,	ž ģ	3 607, 660	230	4,650,600	B Ē	3,034,700	2 2	2, 697, 620	물	3, 236, 908		-	3, 292, 90
THEATRES WAREHOUSES	10.0	127,060	z ș	4,044 800	° į	942,000	5.5	381,350	136	4, 215,400	- 5	6,8	420,00
TOTAL BUSINESS	2 5	29, 468, 450	5	31 796,600	739	39,916,400	774	63, 655, 010	750	22 954, 800	828	60 113,70	5.
TOTAL INEKSTRIAL	8	1.356,400	103	0,136,500	107	23,462 900	E	83, 207, 700	Ξ	31 577,300	2		9,836,40
DAMS AND WHARVES	-	\$34,000	-	348,000	4 -	891 700		1,262,600 3,348,500	5 4	1,349,080	2 4	8.6	2, 958, 90
N S	2% 0	\$22,150 \$,943,320 112,700	2 % 2	1, 882, 103 2 772, 800 16 804, 800	222	2, 289, 900 11, 544, 600 4, 493, 700	851	4, 843, 908 16, 838, 308 12, 498, 909	882	4 613,590 18,874,990 63,091,690		~ ន់ដ	9 843,40
TOTAL ENGINEERING	4	7, 522 168	8	21, 525, 400	69	16, 678, 360	273	38, 789, 200	90	67,489,606	133	64,078,00	8
GRAND TOTAL	2	74,071,700 8465	5465	104 340, 800 8081 '34,678,900 80'9 183,075,'00 SOURCE MACLEAN BULLDING REPORTS LTD	ESS.	94 330, 250 8881 '34, 878, 950 8919 183, 075, '55 SOURCE MACLEAN BULLDING REPORTS LTD	8 8 8 8	183,075,108 PORTS LTD	8	231, 191,350	ř	215 610, 30	8

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	***	Ten 12	9910	ING PERSON	- ette	s towns v	A.URGER	ALBESTA	50-190		-	
	~."	AMOUNT	79	ADMODER**	PO.	Michel	NO.	AMOUNT	10.	AHOUNT	HO 16	MOUNT
condition	6.353	49-215-005	15.074	65 655 982	1 367	NO 2502 168	9.907	98 437 3H	2.450		3.600	
<b>EDMONTON</b>	4.179	13 D 194	5.70	45,694,663	9.766	49 879 272	3,243	30 3M EM	5 847	C 266. 536	7 005	\$5.001. B
CONTRACTOR	179	+ 451, 134	741	4 602 604	764	A 475 525 5 255 100	304	4 506-575 1 308-575	101	2 173 000	104	7 725,4
MEDICINE HAY	100	1 272 340	426 201	575 274 756 700	103	1.760.175	- 22	1 000 700	274	2 275,000	192	A 182 2
DESIDERAL TEN	700	70, 200	261	304.300	100	101.50	- 10	56 545	50	E E75, 810	150	
KCTASKSHIP!	79	110 EE	- 6	291,380	24	(25,62)	- %	150 967	1965	304,000	H	1 279.1
POWER AND VILLAGES (IN)	200	115 76	1 00	4,525.305	2.60	9,907.036	170	15.525.F04	3.600	J. 174 799	4,195	21 797.4
ATTENDATION A		1.00	- 45	165,470	- 4	H12 3/30 H12 6/30	- 2	313 228 95 727	11	21. 900 25. 000	97 23	190.4
Belding 15	38					100 600	- 1	14.50	- "	15,000	20	2.1
BASSAGE		17.500		16,05		14.773		1.50		22 T30		
\$5.00 DAT 0000 E		5.100	- 6									
BLADE DIAMOND	3	1 300		1, 206	5	1,950	12	O 586		1 950		21
BL GRIHOPE	.2	\$ 176 (71 PM	÷	19,005		15.000	3	20 65	14	155 405		170
BORNYINGS BORTISLAND					20	36.701	- 5	23.20	30	27 925	34	952.7
PSCCORP.	46	50.400	29	19,700	- 2	15.76	34	22 295	20	277 905	- 6	12 :
CARDSTON	M		- 7	25, 590	40		10				- 4	67 1
					- 1	8,500	- 3		13	12 096	- 4	94.1
CASTON	- :	.27 STG		5 7:5	- 1	52. 250 All 100		25 000		26.766	59	329.1
CLARESMOUNT COLEMAN	-	137 980	- 23	108.360	- 2	01, 950 27, 890	- 5	75.00	**	21.30	42	339, 1
CORONATION	- 7	16.900	10	51 MS		22,960	100	15.840	*0	23.940		
CHORNELD OF	-		-			24.240	- 3	270	- 1		- 5	
		16.500		5.300	- 4						25	
DEVON		-	-		- 21	51 890	39	107,409	- 1	71.500		56,
06005taker	25	45.16	42	45 166 756 406	ji Ar	30.490	- 3	48, 304 167 689		N. 850	1	199.1
EDSON ELF PONT	45	44 696	48	794,400	44	208.750 30.000	- 4	107 600	- 0	346.555		450.0
FARY IDX			10	17. 100		0.72	- 4	10.200		10 200	- 18	927 6
FARVEN			13				- 0					
PODEST LEAD	27	34, 300	40	99 595	30	115,465						
PORT MAC, 500	12	96, 175	175		- 19	45.79	,				29	
PORT SASSARDIERNI		F 900	14	40,400	63	62 45	75	7 80	- 38	190.940	**	944,4
GRANCE PRANTS	12	1,960 47 190	- 1	- 750 490, 154		40 275	é	7 800	15	7 170	790	205.0
GRANCE PROFIE	10	227 High	170	680, (Jan 50, 109	24	25,475	20	67 25	15.	594.761 61.779	100	206.F
	- "	7 (70	15	52 50								
					- 49	26 600	38	67.00	46	31.70	16	307 1
	111	69,397	42	95, 150	40	946 36	- 29	3P 143 27 100	33	30.365	Te Se	465.0
HOLDEN MARKETAN	-	115 000	45	4 000	6	28.500		27 660 45. 25	10	46,450	15	116.1
MINISTAN.	. 28	042,000	45	× 500	75	79 709	- 25	45.25	- 20	041,450	585	N64.1
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	10	12 100	29	13.979		25 202			10		85	
	96	43K 300		St. 100	54		- 44	586, 175 78, 750	- 10	723,450	94	JOR.
LANGET*	13	20,500	75 13	20 do		144,250 175,150	- :	23. 750 34. 650	2	2.250 234 750		997
LEGAS IN PROGRESSEE	.4	249 105	44	10 100	- 24	60, 190 607 MIZ	- 5		207		275	#01 I
COMPANIES.				-	- 4		- 4					
MAGRATIA	78	34.150		25.000		161, 166						
MANYILLE					30		25		27	103 2-9	,	39 7
MILE POYER						1.00	,	44 691	13	25 700 21 100		0
MODING AS		Jr 000		57 000	- 2	45.500 3.500	2	3c 600	35	27 100	5	46
MONIMINATOR	- 1	30.000		37 000		1.100	76	25 600	- 2	12 300 53 700	ú	
				61, 500	12	3,190		21, 177	30	42 122	34	
	45		36		28	67 675	28	730 400	30	221 900	20	56.5
EN DR	5	5.0es	120	2 990	-			-		4,460	4	161
PEACE HINER			44	171 500	11	30° MG	5	481 900 31, 100	14 31	E40, 380	€ 32	266.3
PRICES CREDI.		25 <sup>27</sup> 250 17 565		61 354 487 713	12	37, 960 301 605	Di.	25.100	- 20	36, 550	167	570.
POLOGA BECHOST	**	15 000	100	101 600			-7		- 1	18, 500		
	42		19	20 000	ir				- 6	25, 500	- 8	
	29	96 JSS	2	22 790			36	35, 125	59	35, 975	43	248.)
					24	30.000	2	3 599	- 4	34, 975	.53	30.1
N-REY	,		٠.	106.200	16	27 360 26 377	12	31 250 at 731	1	42 29	25	229. 329.
ACCRE HOLINTAIN HOUS	. ?	15,456	16	-54 S88	- "	24 E75	-	4.000	23		- 20	901
	24	109 300	10	NE GE					21	95, 725	53	220
		42 500	7	2.00				56	- 1	17 200		81.3
BURET ROVEY	10	15 600		1 70	10	5.49	:	15 585 21 586		E 100	12	70 :
BANKELY.	30	# 90%	- 6	700	- 2	5.50e		25, 500	107	752 960 252 960	- 1	1. 70
STETTLOS STOLLING	30	819 990	0	100.300			- 2	19.75	407		-	
	12	179 000	10	47 000			7		- 0	-7 500	- 19	76.7
					33	45 10	-	2 76	10	30 300		71.5
PALIFIC LANE	46	99 858	36	96 345			27		7	31 000 415 700	- 27	5
THEFT HE LO		27 668	125	150 000 27 100	-	79: 30	- 21	165 125	75	43 096	96	201 1
TODIO O	-4	P 644		27 500		19.493	24	29 525	27	21 992	12	163
TOPID D	- 3	19 (88)										
VEDRENBLAS	72	187 064	42				- 6				100	760.
				15 340		01 6Fe	-		- 9		49	84.
		5s 421										
VOCING	246											
VOCAL VULCAN BANKERSOT	19	194 401 300-	á	W 100	2	10 65	25	69 970		42 356 497 695	- 6	581

THIS LIST INCLUDES THOSE CONTINGS WHICH REPORT RULL and PERMITS FALLERY MAY ASSESS ASSESSED FROM THOSE OF THE PERMITS AND THE

MANUFACTURING

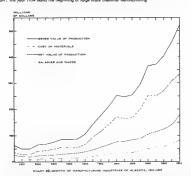




## THE MANUFACTURING

Behwain 1941 and 1953 the gross value of manufacturing in Alberta increased by approximately \$17,000,000 from \$142,000,000 for \$541,000,000. The number of employees increased from nearly 17,000 to 34,000,0 end filter stainers and wages quicking ef, training from \$20,000,000 ennoting to \$30,000,000. Net value of production, or value added by manufacturing, increased from \$46,000,000 to \$190,000.000 to \$100,000.000 for \$100,000 for \$100,000 for \$100,000.000 for \$100,000.0000 for \$100,000.000 for

graphics in the charging explains in the problem emolecuted. Agricultural produce processing industrias accounted for  $\ell$ , per sens of legister solutions are considered in the processing and a sense of the properties of the processing and a sense of the properties of the properties

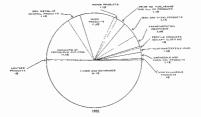


From 1966 to 1953 approximately 200 new manufacturing plants, or major extension to existing plants, began operation. Next stops in size from small reaching stops, whose development and expossion were stimulated by the servicing neets of allfield equipment, to the large petro-chemical plants and "Final Dominion Bureau of Statistics Figures are used throughout this section whenever possible, is come."

Tripp Dominion softend of statistics figures on an arrogation fits action wherever power and access preliationary Alberta Bureau of Statistics figures were used when Dominion Figures were not available at time of preparation, This will account for some small discrepancies which may be noted in the tables, charts, and text -

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\*MINCELLANGOUS PRODUCTS NO. USE NOW YERROUS METAL PRODUCTS & ECTRICAL APPARATUS AND SUPPLIES ETC.

oil influsites in Colgory and Edinoston, Seusies Steep Janns, discally connected with the development of Alberta particulum seauces, have conduct antimised by the exposing position fraction and the gament property of the crea, Clarking manufactures are securing in Conduct. Paper box and container point on extenditional containers are securing in the containers of the contract of the contract products are being promotectured agricultural machinery, transportation applicates such as traillent, and structural testing for the containers are securing to the contraction of the contr

It is expected that major shrin in emphasis whill take pube during the next decade. The large petror-beneval plants in Exercise could be passible production in 1954. The mobile enforce yet for Sealer Observe, with one processors used on the use of inject dismoves, of the begin operations during more formation. The production of the pr

With the ges export polic as of the provincial and federal governments amounced, plans for exection of more petro-chemical and gas processing plants in the southern part of the province are being actually ferrest (1954) policy cost, for the sensors, which the provincial boundaries of all, gas by products. It is confidently expected that secondary chemical industries will be established for the further processing and membershare into this land of the further processing and membershare into this land of the further processing and membershare into this land of the further processing and membershare into this land of the further processing and membershare into the land of the further processing and membershare into the land of the further processing and membershare into the secondary of the secondary of the processing and membershare in the processing and the secondary of the secondary of the processing and the procesing and the processing and the processing and the processing and

The list major chemical plant was established in Alberto in the early 1940's to produce wornecessory chemicals from furner Valley gat. After the ser this plant began the manifecture of Entitlation recented creation in 1950, of these two accessived for 50 are sert of the errors value of another the control creation in 1950, of these two accessived for 50 are sert of the errors value of another the control creation.

When the present and expected plants are all in operation the value of chemical production will note see many fall and can be expected to challenge the long premer nervoe of agricultural products processing plants.

The development of these new types of monofectoring industries are bringing new problem to Albarta manufactures. If there is no local markers, or pare — anokant, howe provided the major outlets the marker of the marker of the marker of the marker of the partial property of the marker of the marker of the partial property of the

Now Albaria cruss oil has to compate in price and quality with first of other oil protoces the world over "Smilety" he product of the chemical "insistive hore to make their way unto easiers and foreign modeste in the face of competition. Loss pace ne modest can attend very few of a farth the row in the Finished products of the governing patro-chemical liadary. The rate of growth of the faculty, the employment it can be associated to differ be resoluted to the province, will be dependent on the debuty that the finishes to offer their positions in compatitive prices, and to some existent on the development of the finishes to offer these positions in compatitive prices, and to some existent on the development of the finishes to offer these positions in compatitive prices, and to some existent on the development of the finishes.

The freight role structure has been a boon and a enterred to waterim manufactures. Inverfar as coal advantage of the plant has been as the plant of the plant has been as the plant of the plant of the plant has been as the second of the plant of the pla

The completion of the SI Lowerces seemey which will enable ocean guing vessels to dock at Fort Will on and Part Arthur, should do much to right the balance. Not only will food mendiatures and consumes to able to secure now mater als and consumes goods once cheapily, but manufactured goods leaving the pravies will, only be subject to transmissipung costs, and freight charges will be subject to effective connection.

With the exponding wastern per 'in earliest to population of 2,672,000 in 1953) it is becausing economically perfibed for error firms to certaint and extending plants on the prairies. If to the preview population, the 1,200,000 persons of British Columbia are added, the growing size of the market west of the Great Lecks is readily exposure.

For a generation the people of the prairies glarved in the description of their land as the "bread basket of the world". Their economic vulnerability was exposed during the degression years of 1929-1939

The firm markets for ogsicultural produce of the wer years relieved and solvaged the situation but positive leadeds advertised to speed industrialization as regioidly as possible in order to reduce the vulnerability. The continuing high levels of agricultural prosperity in the post way years provided the firm bose, and the discovery and regioid velocities of the positive speed of the discovery and regioid velocities of the positive speed of the positive s

Efforts to become industrialized are meeting with success. Whereas 10,000 people were employed in manufacturing industries of Alberta in 1931, by 1941 the number had risen to 17,000; by 1953 the number had doubled again to 34,000.

In 1921, 51 per cert of the working proportion of 256,000 had been dependent on agriculture, in 1941 out of a civilina induce force of 256,000, 69 per cert (114,000) were engaged in agricultural prowish. In 1951 of a labour force of 254,000 only 23 per cert (115,000) was engaged in agricultural prowish. In 1951 of a labour force of 254,000 only 23 per cert (115,000) was engaged in agriculture, interacy in 1 and 1 an

In would be a benefit in Canada and carturily to Albania was consideration given to discontrollication of industry by the management of the larger numbicating first of equation Geodes. The growing population of weather Canada and only provides a growing market but it also in partition to satisfy the demanda for a larger industrial falsow from Canada and Canad

A breakdown of manufacturing industries according to employment affered and value of production has been made. The study excludes 909 sewnthling firms but includes 1,211 firms of other types.

Of the 1,21 firms, 922 employ fiftees parsons or less. 871 horse a payroll of last shan \$30,000 pp. firms and \$15 produce last than \$100,000 worth of goods operate or the other and of the scale 26 firms analyzy between 100 and 200 parsons or 5,007 inclinidati, Seventees firms analyzy between 200 and 5,000 parsons or 5,100 first fields. Seventees firms analyzy between 200 and 1,000 or 3,795 inchinidatis, and one of 500 parson or 5,100 first series firms analyzed threat 100 and 1,000 or 3,795 inchinidatis, and one firm amploys over 1,000. The 50 largest firms occounted for 46.4 per cent of the total amployment in removalization of in 1952.

Seventy-seven firsts pay over \$200,000 oplece per annum in salaries and wages.

Swenty-four firm produce between \$1.0 million and \$10.0 million worth of cooldy and alpha portion over \$10.0 million worth numerally. The swenty-four firm produced \$224, 50,00,00 for the \$151, 600,000 prost value of manufacturing in 1952 the alpha firms produced \$140,000,000 at hair chars. To put another way, slighty-two firms produced \$2.0 per care of all goods manufactured in Alberts in 1952.

Of the eight largest plants, five one mean packing and stoughtering plants, and three are oil refineries. Of the seventy-four producing batheans \$1.0 million and \$10.0 million worth of goods, thirty-six or engaged in food production, eight monofectore product of evod and furniture, saven are refineries, six are in the iron and steel involving, five produce non-metallic mineral products, four transportation equipment, these paper products and fines clearled products.

The table opposite shows the employment statistics and gross volume of production by Census Divisions. Exclusive of the sammilling firms, manufacturing operations are conducted fairly evenly throughout the province, with notable co-contrations in the larger critics.

The bulk of the monifecturing takes piece in or near Calgory and Edenotion. Useful 1990 Calgory us slightly deed of Edenotion is falled volume but perglainney 1952 (agrees indicate the three Calgory protocod last over 1972 O million in monifecturing good and services; Edenotion's Volume had eight no 1500; 2, million, Meaticine the proseduced 221, million wenth in the states year, one statistically 514.2 million wenth of the states year, one statistically 514.2 million wenth of the states year, one statistically 514.2 million wenth of the states year, one statistically states of the state of the s

with Edmonton workers' \$2,831; Lethbridge workers' \$2,566; and Medicine Hot workers' \$2,282. It is expected that the employment picture will change somewhat when gas export from the southern area is assured and more chamical and petro-chemical plants have been constructed to process the gas.

Value of manufacturing in Census Divisions 1 to 7 totalled approximately \$249.0 million; in Census Division8 to 17 it totalled approximately \$289.0 million. Employment was roughly proportionate to the total ground or product in each of the class sections, but salaries and engose were relatively higher in the south. Figures shown in the table below are positimizery and have not been adjusted to agree with Dominion Burson of Statistics tabulations.

Principal Statistics\* - Manufacturing Industries - Alberta 1957

Census Divisions	Number of Firms ¶	Employees	Solaries and Wages \$	Gross Value of Production \$ 1000
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	50 91 16 25 9 364 31 81 35 44 368 119 117 33 17 23	1, 384 1, 621 1, 621 558 32 10, 467 103 486 588 483 11, 321 939 236 66 61 732 833	3,164 3,977 1,592 1,327 70 30,345 1,109 1,012 869 31,592 1,212 1,212 1,151 1,162	28,430 21,489 6,185 11,059 3,100 18,759 1,759 8,782 6,904 10,890 212,078 2,193 6,565 6,251 8,060
17	5	294	427	1,491

\*The tabulation is preliminary and will not agree in detail with that to be published by the Dominion Buseau of Statistics.

Sociative of sewelling firms.

The system sears of the previous and the undereligant northern great have relatively little ensurements for previous greatering to report on reflection of producting per sens in \$18,000, for collapser, \$87,000, for the footing state value of producting per sens in \$18,000, for Collapser, \$87,000, for Collapser

#### Average Gross Value of Production Per Person Manufacturing Industries, Alberta, 1952 - By Type of Industry

person in order of volume:

Industry
Products of Petroleum & Copl
Foods & Savaronas
Foods & Beverages Paper Products
Chemical & Allied Products
Textiles (except clothing)
Nor-Metallic Mineral Products
Iron & Steel Products
Wood Products
Clothing (Textile & Fur)
Printing & Publishing
Transportation Equipment
Leather Products

MEDIT OF EMPLOYEES

PAID BY PERM 0 7 506 7 501 38 000 9 30,001 85 000 9 50 501 9 15 000 15 000 100,000 100 001 9 150,000

TOTA

HIGH NUCTS	SCHOOLCHE SCHOOLCHE GLOTHING	CLOTHING (TEXTILE AND PUR)	MODB MODUCTS	PAPER PRODUCTS	AND ALLIE PRODUCT
Paracsi	NO, FIRMS	NO FIRMS	NO FIRMS	NO. FIRMS	NO FINNS
,	,	19	819	,	180
3	3	1	37		36
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			16		7
		3	12		
			5		4

	3				34
	1		37 14		4
					i
			16 12 5		
					,
					2
2	13	24	97	7	275

AL.	385	2	13	34	97	7	275
	56	:			95	3	143
	56 35 26 3 5 6 0	4	3 2		98 48 12		143 19 2 5 5
	24		2	4	12		2
	3		2	;	,		
				,	,	2	
					;		3
	20				;		2
	22 13						- 1
						-	
AS.	306	102	3	30	197		293

					20		
		4					
	35 24 3		2		12		11
			2				
						2	5
					i		
	6 0 7 22 13						2
							- 1
4	396	16	3	36	197		223 4
29							
	59	4			57		95 50 75
		4				2	
			4	4			
				4			
	81 70 20 6			4	26 3 22 6 6		
					6		
	16					3	1

190, 100 800, 300 200 901 960, 300 1 900, 90 CNER	22 13				;		2 2
TOTAL	366	162	3	36	163	7	225 4
HET VALUE OF PROGRETION PER FIRM							
6 5 000		4			57		95
5.601 - 25.600	16	i i	i		55	2	
25 001 - 50 000	61		4	4	26		76
4 56,091 100,000	70 30		2	4			- 1
<ul> <li>100, 001 250, 000</li> </ul>	30			4	22 6		
+ 250 001 500 000	6				6		
500,001 I 000 000	16					3	1
# E 000.00° GV ER	,						
TOTAL	386	12	15	36	97	7	235
SHOSS VALUE OF PRODUCTION SPECIFICAL S							
0 15 000	30		2		36		81
5 001 23 000	H	i	2	i	52	*	54

v 100,001	250,000	30				22		
+ 280 001	500 000	6				6		
500,001	1 000 cpc	16						
+ 1 000.00°	CY ER							
	TOTAL	386	4	13	36	97	7	235
	JE OF PRODUCTION							
	PER FIRM							
						36		
	15 000	30	5					86
5.001	25.000	84				52		84
25 061	50,000	46				17		63
50 001	169,000	46	2			27		40
100 001	250 GES	50				25		
· 250 001	200 000	24				15		
500, 001	E 900, 300	23				81		
1 000 001	10,000,000	16						
		"						
• 10.950.001	GAES.							
	TOTAL	site	12	- 0	20	97	+	295

PRIME			NOUSTRY			
TRANSPOR TAYION COURPHIENT	NON-PERINOUS METAL PRODUCTS	HON-METALLIC HINERAL PRODUCTS	PRODUCTS OF PETROLIDIN AND COAL	CNENÇA, PROBUCTS	MISCELLANEDIS MANUFACTURING INDMETRICS	TOTAL AL. MANUFACTURING INDUSTRIES
NO FWMS	M2. FRMS	NO. FIRMS	NO, FRNS	NO FERMS	HQ FIRMS	NO. FIRMS
	,	32	,		25	184 236
	TRANSPOR TAYION EQUIPMENT	TRANSPOR NON-PERIROUS TATION METAL EQUIPMENT PRODUCTS	TRAINFOR NON-PERMOUS HOR-METALLEC AND METAL HORBORY GROSS TRAINFOR NO. FIRMS NO. FIRMS	No.5***   No.5	ROD FERSON   ROD FERSON   ROD RETAILS   RO	NO.5 ***   NO.5 ***

196 176 81 39 -65 \ 31 -7 25 3 4

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49 29	4		20	*	14	21	33 <sup>1</sup>
		2			5		341 .
16						2	
							57 .
	2						58 ,
				3			40 .
12							30
							41 ,
143	2.		70	29	35	40	211

			3			
						29 1
143	2,	70	29	28	40	211

- 1	4			í			9 ;
143	2,	6	70	20	8	40	211
	1	4	19	2	7	*	367 459 1
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	,	2	19	2	,		367
49		6	16	3	7	30	499 1
48.				2	3	2	181 7
	3				2	4	97 4
24	3						40 *
3		1	10	2	3		54 1
	,		3				35 1
3			2	- 6			35 *
100							
HZ	21	3	30	30	28	42	1, 211

27.5

580

Total investment in plant and equipment also varies from industry to industry and has no direct relationship to the employment offered in this industry. As pointed out elsewhere in this section, for instance, periodium reflaments on a proof event for numbers of persons in proportion for the gross value of production. At the same time the capital value of section refinery is high in relation to the number employed.



FLUID CATALYTIC CRACKING LINET
ON REF NERV EDWONTON

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	BANAGES  NO. 1 AN ANGES  NO. 1 AN ANGES  NO. 2
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	TOTAL.	-	567 166 290	78, 103, 011	291 365 142	N 946 ES	P86 482 198	489 110 412	421 MO M	100, 079, 504	age AL	-	186 019 581	171 995, 120	502 548 553	100, 250 384	13,400,801	348, 345, 800
	MINCELL AMEDUS PRODUCTS	-	100 426	104.75	112.638	441 333	990, 873	912 571 6	85 64	887 663 3	MITCELA MARILA MARILA PROSTABING PROSTA	*	345 345 3	315 500	9 S21.794	2 355.654	2, 980 038 d	2 784,000
	CHEMICAL R MISSELA AND ANEXUS CHEMICAL PRODUCT PRODUCTS	-	1 002 239	1 63.50	3 341 984	5 195 205	5, 356, 246	5,434.971	3,642.351	8, 682, 123	OHENEAL PRODUCTS	**	A 111	9,318 839	4.130,415	1 mg 43	11-880-819	
188	NON-HETALLIC		549	17. 734	614,450	110		78. 479. TW	3	6.249.73	OF PETTING PETTING LEEN AND COM	-	13.654 930	44, 210, 348	56 503.336	62 779, 632	11.009.131	81 728,000 H 111 000
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er Grouns A	METAL PRODUCTS		101 101	105.565	918 810	N 138	537 145	11.11	660 (34	645 200	C.CCTN. CA. APPAGA. AND AND RUPPLIES	-	49	49 49	11.7	18.18	689' 188	572,000
	METAN		•	^		_	_	_	_	-	TRANSCR. HODE. CQUINNELL METAL. FREDORC'YS.	*	643 539	26 39	11 500	1 390,478	173,484	1.42 000
STORON DA	BION JOB STEEL MIDDLETS		299 985	0 16s 3s3	11 555.614	633, 568	20 F24 086	911 149	407.554	21 383.361	TRANSFOR- "ATION COUITMENT	-	8, 749 378	K4 K4 2	12 589 331	14, 507 333	\$1 600,379	25. EN CO.
NAMENOTURING INDUSTRIES	STED.		7 8	,	7	99	g	2	1	=	MAND STEEL PRODUCTS	-	GR C15 11	13 675 085	6 615 344	27,089 352	21. 853.10	12 492.000
											FORLESS FURLESS FURLESS FROCETS	*	3,405,453	11 637 9 9	1.473 138.	22 WY 421	13.577,517	M 851.000
ADDRESS VALUE OF PRODUCTION	WOOD AND MANUEL PRODUCTS	×	PE 885 C	14, 294 327	16,426 336	14.500.095	22 894 658	30.275.895	28 111 355	41,433.065	\$1200000 112444	-	1 500 000	1 588 391	2 310 48	3 433,422	6,488,750	7 484.000
grodfi va.	PAA .										WOOD PRODUK YZ	-	38,489 572	16. 958. 64	245 845 54	5 109 303	57,814,313	# 80
į	TEXTLES AND TEXTLE PRODUCTS		280,515	1 100	880.613	521 996	419 689	, ele 100	2	6 5 7 794	CLOTHING FYS.Y.R.E AVE FURS		4 398 8 6	6, 139, 167	7 238,127	9 202 108	2,610,582	2 89 000 88 2
	TEATLE		1.39	3.75	3.89	1.8	3.43	97	1 903		TEXTLE PRODUCTS (XXEGPT CLOTHERE)	-	312 317	1 \$28.727	345.34	3 314 342	3,846,405	200'000 I M: 000
	миром морасти	-	E 781 413	63 490, 676	1H 377 005	125 596, 481	14 710,540	58.594 771	18, 125. 107	36, 662, 933	LEATHER PRODUCTS	-	216,346	100, 100	10.24	E 62	254, 120	260, 900
	PRODUCTS	-	33 909 585	27 241 445	44 593 485	56, 278, 917	A7 474 533	73. 011 065	94, 312, 346	92 338.493	F0005 4H0 8EVERAGES	-	275, 53.7 545	212 814 085	219, 668, 938	26 26 36	118, 118, 747	16 40,000
			191	ï	2	1941	¥	ž	ž	3			9	ž	644	150	75	1981.

Take 76 —GROSS VALUE OF PRODUCTION — MANICACTURING INDUSTRIES, BY GROUPS - ALIERTA, THE 1883	100	ANUFA	CTURIN	S INDU	meres.	BY G	100 PB	ALIA.	ETA. 1	M1 1933	_			
	SX8	RESSE	EXPRESSED IN PERCENTAGES)	RCENTA	(629)									
	ä	1943	26	18	1 242	9761	1947	88	4	1949	1959	1881	292	
	w	ĸ	W	ж	×	r	ж	æ	w.	к	ж	ĸ	W.	
VARKETABLE PROBUCTS POODS AND BYCKENES LEATHER PROBOCTS	23.78	18.50	46.01	22 di	2,2) 2,0) 2,0)	28.5	21,00	21.55 21.55	2.8	12.72	3. 3.2	8 8	20.00	
TEXTILES AND TEXTILE PRODUCTS TEXTILE PRODUCTS (EXCEPT CLOTHORG) CLOTHOR (TEXTILE AND PUR).	2	80 %	2	2	1,38 1,73 1.67	P.		5.	= 2	8 2	88	2 2	85	
WOCO AND PAREK PROCUCTS PROCE PORTER PROCUCTS PAREK PROCUCTS PREKTING, PUBLISHING AND ALLIED PROCUCTS	8	2	7.	7 34	6 22 11.78	8	4	3,5	2,47	2 2 2	2 18 2	7 2 8	2 4 6	
IRON AND STEEL, PRODUCTS TRANSPORTATION EQUIPMENT.	5,30	9.79	7 08	ž	6.49	8.0	8	3	2 68	2 6 2 8	3,18	8.8	1.1	
NON-PERROUS METAL PRODUCTS  ESTRICAL APPARATUS AND SUPPLES	F.	2	2	2	a	ä	27	95	# E	<u> 9</u> 2	ri s	8 8	8 8	
NON-METALLIG MINIERAL PROBUCTS	13,47	2	8	16 08	10,12 11.08 12.19 13.43	8	2. 19		88	2 8 8	4.15	3, 70	3.5	
CHEMICALS AND CHEMICAL PRODUCTS	ř.	- 47	38.	2,05	2. 18 81	2,11	¥.	7 42	2,43	10 N	2 07	31.2	2, 13	
MISCELLANICUS MANUFACTUM DNS JAGUSTRIES	ij	ž,	8,	8	8,	á.	4	Ξ.	2	8	ŧ.	g	8	

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1933

300 S 100 S 100 S 200

TOTAL .....

The growth of industry over the past decade indicates that expansion and diversification will continue throughout the foreseeable future. In this section are outlined the most likely lines of expansion.

The Foods and Beverages industry has always been the largest and still accounts for over one-holf of the total value of manifectures. The siring population of western Canada will ensure a continuing growth in the manifecture of load products. Substantial contributions have come from the irrigated areas of southern Alberta in the form of sugar production, vegetable contening and the now popular process of quick freezing. Wave exponsion can be expected with the increase in irrigation facilities.

The Petroleum Refining capacity in Alberta has "ncreased substantially in recent years to meet Alberta's neutrements and further expansion in this field is expected to be only mostrate. However, substantial expansion in conservation or absorption facilities can be expected an environ stantial gas export requirements. Large quantities of propanes, butanes and hydroces subsidies will be made evaluable.

In the Wood and Wood Products industry the sowing, planting and milling of wood products will continue to operate or a high level of activity in keeping with the growth of the continuent industry.

The development of the Pulp and Paper industry will provide a absterved board to the value of this cate-

The fron and Steel Products industry is concerned primerly with steel construction and the maintenance of machinery and will continue to expand with the general industrialization of the area. The marked interest by several concerns to establish a calling mill in Alberta together with the reported discovery of a substantial into are deposal in the Peace River area suggests the possibility that the establishment of a basic long and seel industry may not be too far off

For the Non-Metallic Minerals industry the expansion of existing facilities and the establishment of new plants for the processing of non-metallic minerals are clearly indicated by the following projects either under controction or being studied (as of July, 1954):

The expansion and modernization of a brick and tile plant at Edmonton is rearing completion.

The establishment of a plant to make glass filement and glass pipe wrapping material is under way at Fort Saskatchewan,

marerial is under very air rors saucarconswan.

Much activity is in evidence in the Edmonton area concerning the establishment of a cement plant.

In addition to the establishment at Edmonton of a l'ight-weight aggregate plant, there is at present being constructed a large plant at Calgary. Consideration is being given towards the setting up of still further capacity at both Edmonton and Colory

A plant to make Yong, a Swedish light-weight masonry building material, is weder construction at Calgary.

There are indications of need for and plans for increased time burning facilities at Edmanton and in southern Alberta.

The Printing and Publishing industrial growth will largely follow population trends

The production of cellulase acetate yarm and staple fibre in Alberta opens the way for the establishment of a Textile industry.

The Commonle and Alliad Products measity until secent y too been a very reall one and van inclared primedity in and plants processing one producings of charinoid specialities for local concentration, in recent years the nature of this incustry has changed entirely one there are also present on review of longs soon plants which, by using the large reservest of use our proteins, and nother large, one ofte to more facture or while versely of cleanous for consumption or distant metheds, in galle of the security of oversegments of long the seem lines on the separated in his falses.

#### Some of the possibilities are suggested below:

An increase in the capacity of ammonium nitrate fertilizer production, possibly including

The expert of natural cas would make available very large quantities of process and buttons

which, et a low cost, would encourage the construction of additional plants for their addition.

The sulphur released from the conservation plants would provide a cheap raw material for the manufacture of sulphuric acid now in increasing demand in Alberta

The increased consumption of carbon black in Canada and the development of new processes which would permit economical operation on a relatively small scale suggests the feasibility of the installation of carbon black slants in Alberta.

Row materials are evallable for the establishment of a synthetic rubber Industry,

The evellability of chlorine and the ease of exponsion of present capacity would appear to encourage the development of capacity to chlorinate hydro-carbons

In general, the availability in Alberta of the complete range of hydroncorbons, together with the two most important acids, hydrochloric and sulphuric, plus the most important bases, solitum, calcium and ammonium hydrocatder, makes possible the development of an

enormous chemical industry.



INTERIOR CHEMICAL PLANT

Actions adopted to



A BERTA MANUFACTURING INQUITMES

#### A DECADE OF INDUSTRIAL DEVELOPMENT

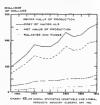
Marufacturing astabular-mats are classified into groupings according to the mai'r products of the plant. As for as Albarta is concerned, these are presently about if Feen alliester classifications, Prior to 1949 a slightly different class system was used which has sadd the post—and anter 1948 series not structure comparable. However the 1948 grass value figures have been basken down on both the old and new basis to give an loss of how the series compare.

#### FOODS AND BEVERAGES: General y speaking the Vegetable Prod-

ucts and Animal Products groups (Anter 1948) and the Foods and Beverages and Leather Products groups (past 1948) include those plants that transform agricultura, produce into manufrantieral cooks.

## By for the most important single monu-

fectoring Industry in the previous to data, disciplinating and sear pecking, in Included in this proop in 1941, 2,500 arrayings were searched to the products. By 1952 the Authority of the products by 1952 the number of plents was reduced to elevent, searpleway half number of 2,352 are great value. Four of the plents are in Calgary and seven in Four of the plents are in Calgary and seven in Four the plents are in Calgary and seven in Four the plents are in Calgary and seven in Four the plents are in Calgary and the plents are in Calgary and proposed to the control of the three three three three three three presents \$1.3. All little of the meaning \$13.8 and filling of the meaning \$13.8 and filling of the plents and \$1.5.5. and \$1.5.5. \$



Dairy factories numbered around 110 in both 1941 and 1952 but the number of persons employed rose from 1, 198 to 2, 055, and the value of production rose from \$14.3 million to \$37.2 million.

Flor milling was now of Albant's first amendecturing industries, large flow mills are located at Collegor and Medicine help, and madler ones, which awayly opened on a caretine bush, you see scattered throughout the province. Of the fifty-flour four and feed mills apporting in 1922, "Fleen are considered throughout the province." Of the fifty-flour four and feed mills apporting in 1922, "Fleen are considered to be flour mill still secondary of 2014. On million of the \$40.5 million grows valuation of production." Peek product for west during the warry years when nearly 1,000 people were employee, fince and date supply results has declined about 15 per cent.

be backers of the portions, of course, we agend to apply the local resident and as loved it is steple food, there who are production tens to follow closely the population and employment treads, it is evident than the larger plants nows accounts advantages upon the smaller ones. Then it's cet supplising the application of the production of the increased cost of lowest of bound, plants the production of the increased cost of lowest of bound, plants are the contraction of the production of the

Alberta breweries and distilleries produced beverages to a value of \$14.6 million in 1952. In 1952 there were five breweries in Calgory, Edmonton and Lethorique, A sich, at Red Deer, began production in 1954. The distillery, at Calgary, commenced production in July 1949. About 660 persons are employed at present in these places.

The three sugar foctories of Baymond, Taber and Pacture Battle in the irrigation districts in the sould for the province are presently providing semployment for an overage of 500 person annually in the plents and about 3,700 to 3,900 on the forms. The yolune of sugar produced has reached record volumes of over 140,000,000 pounds but a decendent to some absent on the vegeries of the automississism.

Vegetable canneries are established in Lethbridge, Magrath, Brooks and Taber. They too are dependent on the irrigated lands of the districts in which they are situated. Connery work of course is very seasonal. At peak periods between five and six hundred are employed, and average annual numbers are about half that.

Eight firms were producing stock and poultry feeds valued at \$250,000 in 1941, By 1952 the number of firms of this type had risen to fifty-one and their products were valued at \$7.7 million. The plants are well distributed over the province.

The carbangted beverages firms are also decentralizing their endeavours. While the number of firms changed little over the tweive year period, small producers appear to be closing down in larger centres and moving further affeld to points like St. Paul, Red Deer, Grande Prairie and Edian, Employ-

ment in the industry increased by 40 per cent from 222 to 30% and the value of production by over 200 per cent from \$1.3 million to \$4.4 million. Over 10,400 persons, or just over 33 per cent of those engaged in manufacturing in the province are engaged in the processing of foods and beverages. They account for 34 per cent of the solaries and

wages, 36 per cent of the not value of production, but for just over 50 per cent of the gross value of manufactured goods.

#### LEATHER PRODUCTS: The Animal Products industry in 1941 included all firms processing animals from farm and forest.

The firms producing food products made from animals have been reclassified to the Foods and Beverages industry and the Leather Products industry contains the remaining firms. As for as Alberta is concerned the Industry is not large. Most of the hides obtained from slaughtered animals are shipped to Winnipeg or eastern Canada for processing into finished products. Alimited amount of tenning is done .oca.ly, usually on a custom basis. Some arthopedic shoes are made by small firms. In years gone by, before the farms were so highly mechanized, quantities of saddles and namesses were manufactured to meet local requiremonts.

At present there are twelve firms engaged in the industry with an average of five workers apiece. Value of production is slightly over \$250,000. TEXTILES AND CLOTHING-

## MILLIONS OF BOLLARS

THE COST OF MATERIAL S ---- HET VALUE OF PRODUCTION " BALARIES AND WARES 

CHART 43. PRINCIPAL STATISTICS TEXTUR AND TEXTUR

The value of textiles and textile products manufactured has increased from \$2 8 million in 1941. to \$10.4 million in 1952 The main items produced in 1952 were cotton and lute bags valued at approximately \$2.1 million and men's clothing valued at \$6.3 million. Two of the three cotton and jute bag manufacturing plants have been established in Caloary since 1947. The third is older and operates in Lethbridge. Of the nine firms which specialize up men's clothing three operate In Calgary and six in Edmonton. The Edmonton group includes the largest manufacturer of men's work clothing in Canada.

Prior to 1948 clothing accounted for the bulk of Alberta's production in this classification, By 1952 approximately 25 per cent of the production was of textule goods other than clothing. The woolen mill at Magrath, which produced blankets and blanket cloth, experienced the difficulties felt throughout Canada in the textile industry. and is presently (1954) shut down.

In 1952 the Industry comprised forty-flye firms employing over 1,100 people annually who received \$2.3 million in salaries and wages. Over two-thirds of the \$10.4 million worth of goods were manufactured in Edmonton.

## WOOD AND PAPER PRODUCTS:

The Wood and Paper Products industry is the third (argest industrial grouping in the province. It is exceeded, of present, only by the Foods and Beverages industry and the Petroleum Refining Industry. Gross value of production over the period increased from \$14.0 million in 1941 to \$80.1 million in 1952. Not only did the value increase in absolute terms but the proportionate value of production increased

#### from 9.8 per cent to 15.4 per cent.

The sawmilling and the sash, door and planing mill industries account for over half of the production value with totals of \$23.9 million and \$21.7 million respectively. The sawmills pravide employment for the largest average number of men (over 3,700 in 1952) but the work 's of a seasonal nature extending mainly over the months of December to March Inclusive. On the whole this is fortunate for prairie economy since these months are slack for the garicu.tuml and some other industries. The number of mills in operation also fluctuates widely. Although the large stationary mills account for the bulk of the lumber sown, there are a great number of small portable mills, locaely award by farmers who operate depending on demand for services, availability of help and general economic conditions. Graphs on monthly and arrugal lumber production appear in the forestry section of this book. The most productive greas in the province are in the Grande Prairie and Slave Lake districts with work on the east slopes of the Rockies not far beblod.

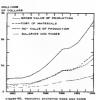


CHART 66. WHINCIPAL STATISTICS WOOD AND PAPER PRODUCTS INCOUSTRY AUSERTA, 1941 1992.

Employment in the sain's, door and planting mills Is much teadler throughout the year, and overages about 1,800 persons. In 1952 there were 115 plants in operation. Thirtees were in Cologny, elighteen in Edmonton and there were one or two in each

plants in operation. Introductive in Cappiny, appreciation contained due there were one or two in each of the other cliffes, Other multi-speciate near, or are infragrated units of sownills.

The Sownilland industry of Alberta does not desend on the export market as does that of British

Columbia although when Limber was scored effer the war, carloods were shipped as for affield as New York, U.S.A. The Introduct construction activity in the province since the early days of the war, and especially the all-out-building programme of the post-war years, have been responsible for the expansion of the industry since 1941.

The Wood Preservation industry of the provinces has also undergone a substantial expansion. The alternate day of set steasons of the principles are conducted to people or the poles, teaphone poles, teaphone

a much integer number of persons (new 200) were employed in furnitum mountecturing. Wooden frames one proport in from First Euclideaning, either abroady membled or cut to specification, and the problement, publication, publication, either abroady membled or cut to specification, and the problement of the problement o

The value of furniture mounfactured is set or about \$4.8 m. Inco for 1952. The majority of the firms cer in Co.gory and Edmonton, but there are a suprising number of woodworking and cabinet should be province.

Seven firms, employing aver 220 persons, produced \$1.6 million of wooden boxes and crates. The major firms are at Colgary, Edmonton and Lethbridge, but one box mill is operating at Chinook Valley.

Other small firms produce morticians goods, beekeepers supplies, exclesior and miscellaneous woodwares.

All told over 1,100 wood products firms provided employment for approximately 6,700 persons annually, who received over \$12.7 million in solaries and wages, and who produced \$38.0 million in goods and services 62 to 132.

In 1952 eight firms produced paper boxes, bags and cooling paper to a value of \$6.4 million. The paper box firms were evenly divided between Calgary and Edmenton, but the largest cooling paper plants large paper are part of the paper paper box of the paper paper box plants was built in Edmenton, and a large paper case plant completed in Calgary in 1954, and paper box plants was built in Edmenton, and a

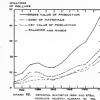
Two hundred and forty-three firms one engaged in printing and publishing and ancillary traces. Of these, 97 firms public delity or seekly popers, 81 public periodicate sincy, and 75 one engaged in conmercial job printing. The bolismon are engaged in enganving, steeselysing, lithographing, trade comparition, et extext. In delity and weekly investoper publishing traces 97.9 in lithographing, trade comparition, et extext. In lithough the provides employment for approximately 2,100 persons on a full time basis. The volue of work and services performed has nearry quadraged sings 1941.

IRON AND STEEL PRODUCTS:

The Iron and Steel Products (Inclary) has prompted from a relatively small industry in which a good product of the product in goods to a value of \$47.9 million in 1922, in 1941 over half, 33.9 million, of the value of protraining the product of \$47.9 million in 1922, in 1941 over half, 33.9 million, of the value of protaining the product of \$47.9 million in 1922, while the value of products of other types of Firms production had increased to \$14.3 million in 1922, while it while the value of products of other types of Firms increased from \$5.0 million in \$52.0 million in \$1.0 million the second products of the product product of the product of the product product of the product of the product prod

The most important single industry, as indicated above, is the rule-coal and rulling stack equipment industry in which are employed over one-third (2,000) of the 6,300 persons employed in all iron and steel amendechning and which accounts for 30 per cent of the total value of promen are impleyed, since them at any other single establishment in the province.

Ranking second in value of production is



the fabricated and structural steel industry which in 1952 produced \$5.1 million of goods. The three firm operating in 1952 were located or Calgary, Edenotes and Leibharde, a 1953 on were plant was constructed or Grande Prazire. Although there is a tendency for the work to be seasonal on average of 500 persons were employed in 1952.

The great values of production of the sheet model products, the industrial mechinisty, one the mechine deep products industrial water \$5.4 million \$2.4 million of \$2.5 million requestiventy in 1925, and the products of the sheet products are supported in the sheet products of the sheet products of the major class However, the sheet-these modules deep value and distributed one the province. An overage of several products are establishment are employed in indicated impossing the state of commence with restricted in the sheet products of the sheet products of the sheet of the sheet of the sheet of the sheet products of the sheet of an observable of the sheet products of the sh

One of western Conadd's largest current's repair depoit is accorded in Edonation to service airplanes on the runs to northern Alberto, the Vidor, the North West reinflores and Aladia. Large number of military aircreft are serviced for the Royal Conadion Air Force as well. Although acrityly in the plant is affected directly by Defance Department requirements, employment has been maintained at a high level in post war years. In 1952 well over 600 persons on the evenage found year count desproyment.

Radrug high in value of products in the agricultural implements leadury, this healy in first nonreplacting apositions you value of \$2.7 millions in \$150. Not expertually, the majority of the placts are in the southern part of the province; i.i. in Calgory, the in Leichridge, and one each in Medicine this and Nobledors. While is variety of form exchange, you do not seek in Medicine that largest one the glain fooders and the hoods weeders where however been specially designed one monofactors to new annition conditions. These hounded and hearth or conserve were exceeded in the industry of 1922.

Also in the larger industry groupups were the motor vehicle parts firms and the Iron continue firms. The fifteen firms in the first group employed nearly 500 persons and produced goods and services to the value of \$3.9 million. The seven firms in the iron certinos group employed 260 persons and manufactured \$1.9 million worth of costinos

The 6,300 persons employed in the iron and stee, and transportation equipment industries received over \$18 5 million in solaries and wages, making them one of the most highly paid groups in Alberta manufacturing industries. Average income doubled in the period beginning in 1941.

NON-FERROUS METAL PRODUCTS & ELECTRICAL APPARATUS AND SUPPLIES

# OF DOLLARS MADES VALUE OF PRODUCTION --- NET VALUE OF PRODUCTION -- DALARIES AND WAGES

CHART 46. REISE RAY STATISTICS HON PERROUS WE'TA The Non-Metallic Mineral Products in-

NON-METALLIC MINERAL PRODUCTS:

dustry includes those firms producing cament products, brick and tile, alass, lime and oversum products, stane products and pattery Prior to 1948 petroleum refining was included in this grouping Retaining it in this grouping for purposes of compar son, the gross value of production has increased from \$19.2 million in 1941 to \$104 4 million in 1952. The number of persons employed increased from 1,550 to 3,600 and their sa aries advanced from \$2.1 milition to \$11 5 milyon

The largest single industry is, of course, that of petroleum refining. The 455 employees produced refined petroleum products to a value of \$14,3 m Ilion in 1941. The number of refineries increased from seven to twelve by 1951. The number of employees only slightly more than doubled but the value of refined products more than avirtualed to \$76 6 million

Like the Petroleum Products Industry, the Chemical industry does not employ a large number of persons 'n relation to the value of product on. Six hundred and fifty persons in the Chem-

Twelve firms are presently encoped in the many facturing of non-ferrous motal products and electrical apparatus, as compared with six engaged in 1941 Value of products increased from \$0.5 million in 1941 to \$1,8 million in 1952

The largest single industry in this group is that producing beast and copper products to a value of \$1 2 million. This industry is largely centered in Calgary, Calgary is becoming one of the main battery manufacturing centres of western Canada but other electrical supplies are produced at Medicine Hat ("insulators) and at Red Deer (fromformers)





CHART 67 PRINCIPAL STATISTICS NOW NETALLIC MINERAL PRODUCTS INDUSTRY ALBERTA 1911 1952.

scal industry produced goods to a value of \$11.1 million. By way of comparison 6,700 persons in the

Wood Products industry produced \$60.0 million worth of goods; 930 in the Clathing industry produced \$6.3 million worth; and 3,200 in the tron and Stee, industry produced \$27.8 million worth.

The soving features, as for as effect on the provincial account in construint, as a first amployees are learlangly helping, who is not assessed, and more interestical on to be devided foolity). Cost of feat, alteritative, and anteriors and supplies are also relatively high F4 per cent of great social account contraction of the contrac

A great impact on the community is felt during the initial construction stages. The cost of equipment is high, and the costs of installation relatively higher than for some other types of manufacturing p.onts.

The regor increases in employment have therefore some from other Industries in this grouping. The actual increase among these other first has been from approximately 1, 100 in 1941 to well over 2,200 in 1952. The value of products increased from approximately 34.9 million to \$23.4 million. The number of manufacturing firms increased from 3 for 70.

This expension of this industry has been stillify based or the expension of the contraction industry incredible on sent the viriet from the types of prostorts. Chee of the legast rating beliefs in the province is their producing personal cases at Estates, were of Cology. In 1991 this point produced #872,515 because of Cology in 1991 this point produced #872,515 because of Cology in 1991 this point produced #872,515 because of Cology in 1992 this point produced #872,515 because of Cology in 1992 this point produced to the p

Twenty-nine firms, well distributed throughout the province, manufactured cement blocks, drainage pipe, building alabs, chimney blocks, etc., to the value of \$7.5 million in 1952.

Approximately 600 employees earned \$1.8 million in salaries and wages. Ten Calgary firms produced \$4.2 million of concrete and masonry products; nine Edmonton firms produced \$2.8 million worth.

Brick and his factors are located at Medicane Hay, Redchilf, Clarescelor, Grand Problem of Connell, new Connell new Con

In a difficult to superiors the study of the birthic and file industry from the pottery reducity of the processes using parts or an in the Medicili enter. Production comes the content of the second content of the second

Another meja industry of the locality is the glassoms plot at Beccliff, where over 400 persons, on with rid of them some, are employed beliers, mit localities, are and beverege bottles care the main intera of product or. The industry was attracted to the district by the cheep reliver gas officed with a stillion and chemicals have to be unpossed from the U.S. A Depostry of \$1.000, untilsed top open deploying plasmosm have been located in the Posca River area on plasm as well advanced (1934) for a their plant plant area. Commonly plasmosm the plant plant area (Commonly producing primary pape weep, with a warterly of other goats produces to

Sever plants, in which 130 persons were employed in 1952, were engaged in the instructure of the, and tilles and appear product on anoual valuation of around \$1 if whilen. Sever of these persh produce, line for use in the larger factores of Reymond, Taber and Picture Buttle, while others more factores for the control chair conducts. The larger factor control factor factor for the control chair underly. The larger factor is made in the Creanisat Pass and Konnovatic street, but the grown will be included in Superior from Maritipo. The wall bloom of an instantion around the control factor from Maritipo.

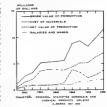
As street earlier the grow value of the refliency products in 1922 was of the order of \$74.6 rillion. In clidific first description of enturing generatory in plants protected notice generatory, possible, and one valgher to a volue of \$4 in stillion. Essential subject plants are at Turns Valley and  $4 \times 10^{-3}$  grows a value of  $4 \times 10^{-3}$  grows and  $4 \times 10^{-3}$  grows  $4 \times 10^{-3}$  grows and  $4 \times 10^{-3}$  grows and  $4 \times 10^{-3}$  grows  $4 \times 10^{-3}$ 

The increasing emphasis on refining and processing of petroleum fractions over the period is shown not only by the absolute increase in the vaue of the products of the Nor-Metallic Mineral industry from \$19.7 million to \$104.4 million, but also by the rise in value relative to other industries. In \$491 ensur-facture of non-metal lic mineral products accounted for \$1.5 per cent of the value of all manufactures; but \$252 the accounted for \$2.5 per cent of the value of all manufactures; but \$252 the accounted for \$20 per cent of the total value.

CHEMICAL AND CHEMICAL PRODUCTS:

The Chemical and Chemical Products industries to the end of 1953 accounted for but a smal fraction of the grass value of manufactured goods. In 1941 this Industry accounted for only .75 per cent of the gross values by 1952 the proportion had risen to 2.1 per cent. In actual dollars the value increased from \$1.1 multion to \$11.0 million. The number of firms increased from g low of 14 in 1945 to 24 by 1952. Employment increased from 230 on 1941 to 650 in 1952. Two large firms, producing explosives and fertilizers, near Calgary, accounted for two-thirds of the employment and of the gross valuation. Four other firms, manufacturers of compressed pases such as oxygen, acetylene and carbonic acid gas, accounted for over 10 per cent. A linseed oil plant at Medicine Hat was the only other significantly large producer.

Although an elevenfold increase in just over a decade is substantial, it is in the immediate future that the most significant expansion is expected. Late in 1953 and early in 1954 the polythene plant of Canadian Industries Limited, the cellulase acetate plant of Canadian Chemica.



Corposo, Ulanted, The chlories gas plast of Watern Chemical United, and he notice collection of Shamitt Gordon Mines Limited, bager productive from operations in the Edministrances. At the same rines the capacity of the Concolletted Mining & these plants are in full, appetation the proportionate value of shamical production is expected to after significantly. The absolute goot religious of the concolletted with the production of the concolletted and the The absolute goot religious significant significants.

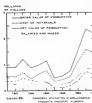
professed) when expect of rativel gas to the acutem out health explosis connectes. Alberting posts to be stripped of all connectes recept the entires within the promoted boundaries. In wall necessarist the interpretation of the professed professed and the professed professed and the professed professed and the professed prof

In 1952 the Chemical industry ranked eighth in value of production among Alberta manufacturing industries, and ninth as an employer of labour.

#### MISCELLANEOUS MANUFACTURING INDUSTRIES-

The inspellianeous manufacturing industries group comprised those first not classifiable under my of the previous hazd mys. It included ir ms mensional tecturing brooms and brushes plastic productly scientific and professional instrument equipments sporting goods; toys and games; artificial flowers; models and activations, sizes, sharpes and sheenly, investiges, and ice.

and 200 of the employees.





PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES BY INDUSTRY
ALBERTA, 1941-1952

YEAR	ESTAB.	EMPL	OYEES	SALARIES AND	COST OF FUEL AND	COST	VALUE OF	PRODUCTS
	MERTS	MALE	FEMALE	WAGES	ELECTRICITY		NET	GROSS
	NO.	40	NO.	5	\$		\$	\$
			TABLE 77	VEGETABL	E PRODUCTS IN	OUSTRY 1941-	1948	
1941	327		523	3,724,634	503,669	20, 610, 127	12, 676, 196	33 809,992
1942	311	2570	679	4,218,932	314 276	21,520,961	15, 206, 208	37 241,445
1943	289	2514	943	4,793,215	542,467	27, 887, 925	16 267,073	44 697,465
1944	273	2811 2983	1189	5.576 191	613 799 655 976	34 977, 543 38, 302, 114	20 587 475 22 716 441	56 278 917 61,674 533
1945	2/3	2983 3564	1117	5, 915 351 7, 019 501	855 976 771, 895	38, 502, 114 47, 421, 753	28, 839, 416	75 D33 D65
1946	240	3729	1022	8, 103 435	922, 803	66, 402, 629	28, 996, 814	94, 312, 246
1947	285	3729	1054	9, 198, 949	943 717	61, 311 785	30,002,931	92 332 433
1340	440	3784						11. 334. 434
			TABLE 7		PRODUCTS INDU			
1941	152	3379	674	5,280,935	482,750	51,663.180	10,645.483	
1942	157	3763	1025	6 428 451	541,446	70, 165, 826	12,693,402	
1943	151	3734	1505	7,359,248	576 470	85.080,380	15. 720. 355	
1944	149	4344	1963	9,308,449	635,989 666,377	104, 371, 431 93 608, 667	20, 499, 061	
1945	149	4073	1668	8,923 166 8,665,943	666,377 675 908	50, 884, 581	17 033 682	
1945	145	4007	1290	8,565.543 9,548.735	575 908 591,297	81, 501, 958	15, 931, 942	
1947	146	4159	1230	10,884 140		115, 928, 617	20, 855 601	
13410								
	In 1949 the	Vegetch	le Products :	and the Arvena	Products industrie	groupings were	e recombined int	o the Foods
end Se	verages and	the Leat	har Products	groupings Price	copet statistics of t	sese groups are s	shown below	
			TABLE 79	- FOODS AN	ND BEYERAGES 1	NDUSTRY, 194	9-1952	
1949	413	7524	2148	70, 689, 415	1.748 653	168-075-451	50, 989, 990	212 814 096
1950	414	7527	2083	21,258 945	1.964,706	166,004 309	S1 699 921	219 668 936
1951	417	7403	2134	23,847 306	2 059 963	189, 955, 325	54 939, 830	246,955 136
1952	413	7994	2421	27,462.379	2,263,168	193,498,314	63,557,265	259,318,747
			Tenus	90 — LEATHE	R PRODUCTS IN	DUSTRY, 1949-	1952	
1949	11	49		87, 830	2,377	#10, 524	94, 701	207, 702
1950	12	47	10	79, 582	1.787	88, 169	99, 308	189, 264
1951	11	50	10	108.488	2 232	122 376	146, 565	273, 173
1952	11	49	13	119,624	2, 229	123,716	132,375	258, 320
_		T-0	L # 81 TE	XTILES AND	TEXTILE PRODU	CTS INDUSTRY		
1941	24	191	557	714, 923	12,757	1,548,342	1,229,416	2, 790 515
1942	25	188	692	876,929	15 426	2,290,753	1 418, 943	3, 726, 114
1943	25	173	645	915,317	16,735	2,319,783	1,544,092	3,880,610
1944	27	178	693	1,068 086	18, 248	2,017 560	1,828,918	3,864 726
1945	28	202	632	1,085,430	18, 214	1,945,968	1,475,506	3 439 686
1946	29	236	629	1,108,582	22,427	2,331,401	2,101,052	4,434,880
1947	29	197	649	1,111,496	17,555	2,571,871	2. 353, 727	4 943 153
1945	31	202	702	1,392 061	20,824	3,485,248	3,010,682	6.517 754
	In 1949 the	Textises	and Textile	Products group	was sub-divided	into the Textile	Products (excep	r Clothing)
and the	Cloth ag (				thatics of these gro			
		TABL of	32 TEXT	LE PRODUCT	S (EXCEPT CLO)		,	
1949	12	-	30	260 572	11 770	1,543,860	423 107	1,978,737
1950	12	77	85	271, 271	12,735	1,821 019	531 610	2,365.364
1951	12	72	93	364, 825	13,056	2 661, 506	619,700	3,314,362
1952	16	22	106	382,851	14,639	2, 326, 951	505,413	2,846,3

1949 30 219 725 1,352,564 18,404

1950 32 150 748 1,458.236 19,903

1951 31 198 775 1.741 439 21.595

1952 29 198 761 1,835,806 22,570

YEAR ESTAB-

LISH-

NO.

MENTS

EMPLOYEES

MALE FEMALE

TAB: 6 83.

NO. NO.

		7	Am. + 84	- WOOD AND PA	PER PRODUC	TS INDUSTRY, UN	1-1948	
1941	464	4158	377	4.436.521	255,900	5.801.952	7,923,662	13,981 714
1942	476	3978	507	4, 819, 865	326, 137	7,097 042	8, 875, 198	16 298 377
1943	526	3654	188	4, 890, 265	299, 714	7,026,407	9,078,385	16, 404, 706
1944	562	3669	662	5, 258, 039	285,618	8,681,466	9, 535, 811	18,502 895
1945	565	4061	680	6,082 791	325, 832	11, 156, 417	11 401, 806	22 884 055
1946	697	5158	605	7, 673, 009	416.350	14 525 501	15, 032, 964	30 276 895
1947	733	5848	764	9, 748, 607	545 433	19, 523, 662	19 152, 260	39.221 355
1948	905	6621	754	11 942 795	658.213	24,535.154	24,231 698	49 425 DIS
	In 1949 to	Wood on	1 Faner Pr	odusts comp was	calculate dayl o	nto the Wood Produ	-ts -the Poster P	meturis, and
the Pri	nting Pub	lubing and	A ed Pr	educts groups Pro	ncipal stat sti	is of these groups are	shown below	.,,
			TABLE	85. — WOOD PRO	DOUCTS INDI	JSTRY, 1949-1952		
1949	749	5089	262	8, 562, 653	617.643	21, 132, 853	15, 208, 345	36 958 841
1950	715	5113	252	9 425, 534	700, 999	23, 999, 375	18 042, 642	42, 743, 016
1951	1111	6360	253	11 343 241	767,731	29, 842, 150	20,577 822	51 207, 703
1952	1115	6458	302	12,781,437	842,451	32, 719, 866	24,052,046	57,614,363
			Tettur	86. PAPER P	RODUCTS (NO	OUSTRY, 1949-1952		
1949		74	51	254, 607	8,000	1 189, 524	721 197	1 918, 721
1950	5	84	54	309.057	11,295	1,419,576	861,235	2, 312, 106
1951	8	139	64	510, 732	24 258	1, 993, 868	1 402 298	3, 420, 422
1952		223	67	829,219	46,044	3,827,219	2, 581, 437	6, 454, 700
	τ.	un. e 87 —	PRINTIN	G, PUBLISHING	AND ALLIED	PRODUCTS INDUS	TRY, 1949-195	2
1949	236	1479	511	4 425 677	96.617	3,037 784	8, 908, 518	11.637 919
1950	232	1439	501	4,362,982	95 212	3,106,065	8, 274 561	11, 473, 838
1951	244	1507	534	4, 849, 132	99.045	4 087, 784	9,360,997	13, 547, 826
1952	243	1557	539	5,581,171	111, 262	4,401,058	11,405,197	18,917,517
			TABLE BB.	- IRON AND STS	EL PRODUC	TS INDUSTRY, 1941	-1945	
1941	62	2179	35	3,302,652	238,640	3, 258, 969	4,071 253	7,566,862
1942	61	2418	79	3 919,010	319.574	3.204,441	5. 640. 728	9, 164, 743
1943	61	3926	247	7 433,330	312, 680	4,534 547	10,012,087	14, 955 614
1944	63	3716	285	7,708,715	320.862	5, 377, 379	10,340.747	16,038,988
1945	67	3225	162 86	6,339.062	327,179	5, 437, 408	7, 759, 509	13, 524, 096
1946		2878		5, 590, 952	253,093	5, 173, 186	7,632,867	13,059 [46
1947	84 95	3349 3751	74 99	6, 955, 768 8, 843, 544	321 053 376 438	6, 904 446 9, 176, 128	9,213,829	21, 363 361
1948								
tion Eq	In 1949 th	fron and	Steel Proc	to the second war out	nday behaviled	Iron and Steel Produc	Its names, and a	Transporter

PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES ALBERTA — 1941-1952 (CONTINUED)

COST OF COST

CLOTHING (TEXTILE AND PUR) INDUSTRY, 1949-1952

OF!

3, 260, 849

3,307 832

4 378 407

4,061,064

MATERIAL S

FUEL AND

FLECTRICITY

s

VALUE OF PRODUCTS

2,802,104 7,202,105

NET GROSS

5

2,860,054 6,139,307

3,930,392 7,258,127

3,528,218 7,611,852

SALARIES

AND

WAGES

s

PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES - ALBERTA — 1941-1952 (CONTINUED)
YEAR ESTAB- EMPLOYEES SALARIES COST OF COST VALUE OF PRODUCTS

YEAR	FP1VR-	E.M.P	LOYEES	SALARIES	COST OF	OF	VALUE OF	PRODUCTS
	LIST- MENTS	MALE	FEMALE	WAGES	FUEL AND ELECTRICITY	MATERIALS	NET	GROSS
	NO.	NO,	NO,	\$	\$	\$	\$	\$
		Т	ABLK 89. —	IRON AND STE	EL PRODUCTS IN	OUSTRY, 194	19- 1952	
949	100	2055	109	4,777,353	168, 376	5, 480, 232		13, 573, 026
953	107	2370	102	5, 908, 605	242,668	7, 167, 799		16,826,264
951	118	2598	120	7 300,975	259,611	8,446,821	12,383,121	
952	132	2830	135	8, 856, 867	307,666	11, 527, 123	15,029,515	26, 865, 10
		TA	n. r. 90. — TI	RANSPORTATE	ON EQUIPMENT I	NDUSTRY, 18	49-1952	
949	20	2305	47	5, 794, 925	197,697	6,179,695	6, 117, 212	12, 494, 60
950	19	2253	42	5,541,094	209 271	6,169,201	\$,810,729	12, 189, 301
951	22	2679	63	7,499,983	257, 673	5,313,244	7, 936, 616	16, 507, 533
952	2.4	3220	117	9,699,413	242, 239	10,471,301	10, 896, 858	21,610,39
		Total	⊾¢ 91. —NC	N-FERROUS N	ETAL PRODUCTS	S INDUSTRY,	1941-1848	
941	6	70	3	91,385	6,679	267,938	219,217	493,83
942	7	97	\$	143, 583	9,375	447,568	328, 622	785,56
943	6	77	17	159. 727	9, 843	406,350	287,417	703, 61
944	5	65	12	136, 422	8,712	350,624	237, 602	596,93
945	6	74	9	137, 861	8, 481	312,579	252, 125	573,18
946	7 8	77	6 2	134, 715	8, 103	267, 894 490, 632	300, 217	596, 21
947	9	58 70	3	120, 986	7,181 10,667	490, 632 689, 465	265, 244 382, 667	763,05
948	_				ves subirdivided in			
		TA	~ € 92 — N	ION FERROUS	METAL PRODUC	TS INDUSTRY	, 1949-1952	
949	5	57	3	137, 966	6,990	610,877	283, 925	901, 79
950	5	61	2	154, 874	8,460	715,600	361, 811	1,085,875
961	7	63	4	169, 735	8,598	941,339	440.091	1,390,020
952	8	67	5	225, 293	8,214	807, 907	562,363	1,378,48
		TABLE	93. — ELEC	TRICAL APPA	RATUS AND SUP	PLIES INDUS	TRY, 1949-1952	
949	3	11	-	15,681	1,660	14,707	24,033	40,40
950	4	17	~	26,040	2,362	24,597	37, 754	64,71
951	4	14	2	37, 977	2,052	73,236	120, 469	195, 75
952	4	23	9	78,316	0,233	245,818	210, 137	465,18
_		т.	···· 94. —(	NON-METALLI	C MINERAL PROC	UCTS INDUST	TRY, 1941 1948	
941	43	1430	115	2, 103, 419	901, 892	10, 223, 768	8, 987, 589	19, 213, 241
942	45	1472	292	2, 542, 389	753, 545	11, 945, 736	11, 248, 473	23, 947, 774
943	43	1358	420	2, 695, 366	941,764	13, 637, 703	10,046,983	24, 626, 450
944	42	1427	463	2, 939, 297	1,009,256	14,916,622	10, 163, 179	28, 089, 05
945	43	1451	481	3,047 243	979, 425	14, 197, 771	9, 956, 715	25. 133. 911
946	48	1812	444	3, 505, 579	1,139,299	17, 136, 615	10, 191, 245	28, 470, 159
947	36	1970	380	4,391 015	1,297,693	25, 452, 780	9,337 131	36, 097, 604
948	61	2326	387	5, 932, 887	1,757,728	35, 537, 119	11 954 331	49, 249, 173
Product	In 1949 the Is of Petrole	Non-Me un and C	itallic Mine Cool Groups	rel Products gro Principal statis	rup was sub-divide tics of these groups	d Into Non-M follow	etal ic Mineral I	Products and

YEAR

1949

1950 1951 1952

1931 31 254 44 810, 974

1952 37 296

LISH-

MENTS MALE FEMALE

PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES - ALBERTA - 1941 1952 (CONTINUED) ESTAB. SALARIES COST OF COST VALUE OF PRODUCTS EMPLOYEES FUEL AND ELECTRICITY

OF

MATERIAL S

NET GROSS

	NO.	NO.	NO.	5	5	\$	\$	\$
		TANK	95. —N	ON-METALLIC	MINERAL PRODU	UCTS INDUSTRY	1948-1952	
1949	58	t529	344	4. 020, 701	1 146,370	4,704,210	8, 908, 096	14, 758, 576
1950	53	1656	309	4,546,971	1, 238, 131	5, 529, 299	10, 108, 068	
1951	67	1682	330	5, 102, 847	1 118,765	6, 970, 483	10. 957, 774	18.147 022
1952	70	1893	357	6, 129, 246	1,132,063	8,014,928	14,302,760	23,449,751

AND

WAGES

TABLE 96. PRODUCTS OF PETROLEUM AND COAL INDUSTRY 1949-1952 1 192 302 40, 172, 763

6, 645, 003 48, 210, 148 106

16	1263	71	5, 359, 984	2,494,310	55, 763, 985	22,750,836	61,009,1
11	978	59	3, 542, 452	1,749,692	48, 929, 517	12, 100, 423	
a	872	48	2,845,676	1,435,654	50, 067, 654	8, 421, 998	

		TABLE 97	CHE	IMIÇALS AND CHI	IMICAL PRODU	CTS INDUSTRY	1941-1952	
1941	17	596 400	37	240, 557 799, 289	100,491 511,205	423, 395 561 007	348,336 1.540.868	1,072 222

		Table 97	-CH	EMICALS AND CH	EMICAL PROD	UCTS INDUSTRY	, 1941-1952	
1941	17	196	37	240, 557	100, 491	423, 395	348, 336	1,072 222
1942	20	400	49	799, 289	511,705	561,007	1,540,869	2,613,581
1943	19	437	70	946, 073	588, 986	584, 436	2, 127, 602	3,301 024
1944	16	433	75	940, 470	544,578	988, 571	3,637,309	5, 190, 555
1945	14	393	71	917, 693	545,633	895 410	3,915,202	5, 396, 245
1946	18	421	65	922, 771	562, 625	1,046,910	3, 520, 536	5,424 071

1947 446 65 1,063,581 621, 951 1,359,674 3 681, 136 1948 21 421 70 1 130, 737 635 923 3, 678, 515 4, 367, 685 70 3,452,467 5, 153, 128 1949 1 592, 201 712,964 1950 21 63 1, 613, 451 \$45,090 2,322,082 5, 168, 453

1051 24 550 63 1 965 484 749 990 2, 867, 164 6.274.323 1932 24 587 63 2, 187, 580 815, 245 3, 605, 491 5. 509. 079

5 662, 761 8, 882, 123 9,318,559 8,330 625 9.891,475 11.030.815

TABLE 98. MISCELLANEOUS PRODUCTS INDUSTRIES 1941 1952

1941 701 736

1942 458

13	173	31	255, 278	13,609	359, 216	\$56,876	929,
13	145	38	244, 165	13 499	384, 144	527,093	924
13	150	89	301 328	16,419	489, 420	706, 619	1, 212, 4
13	124	77	292,000	14,545	401, 141	465,651	881 3
**	124	70	311 710	14 613	321 804	694 448	000 1

873

46,911

61,924

727 300

720, 598

1 585 443 2 359, 654

1,797,514 2,580,036

1943 1944 1045 18 318, 536 19,979 343.255 780 032 1 143 266

202, 548 14 85 15,302 106, 384 367,742

1947 459 478 14 95 12 17, 929 111 936 427.997 587 862

242, 304

16 19,942 198, 261 524 483 742, 592 1941 324 788 1950 26 195 30 573, 753 31,833 388, 372 1,108,599 1,528,794

978, 814

37





						CHIT OF FEEL			рекористи
evina	ESTABLISH- MOVES	HELE	PENNUL	100s.	AND RADES	ELECTRICITY.	MAPERIALS	NALISE OF	ONDES
Environ HO	160								
MEDICINE HAT	-	pen	17	1.40	7.65 25	101,445	17 161 29	5 174 18 1 785 867	23. N B
TABLE .		Sec	4	265	29.0	15: 10:	3 Will. 407	4.000	1 207 9
danes form	10	194	360	100	3. 64.295	20.0	31,401 076	6.17" 906	m.400.6
ERVISOR NO. 2									
LETAMARQUE	49	MES	100	927	3,490,700	201 963 3.080	8 860,250 884 75	P 056 752 256 556	54.157.0 345.5
ELAWORE CARRETTIN		1	- 1	- 2	27 .20	2.677	136 267	55.514	174.5
ELASTON M		- :	- ;	- "	79.32				
	- 1	- 1							
W460,500				18	<5.6%	5.199		85.445	60.0 ED 1
PAGEATIN		- 4	20		194, 296	5 %	321, 165	N. 124	20.7
PANGERS CREEK		- 10	- 6	- 2	32.70	6- 69	E.+ R.ME	761 686	4 264.7
GRAND TOTAL	**	h.315	196	1.40	3 NUS 234	\$10.190	19.867 356	49, 291 358	21.494 6
MANAGEM NO. 1				**	101 541	E0.894	372,001	303,460	246.9
anione		40	- 15	-	100 140	26.90	212, 461	3.25, 4	5,400.7
CRAMP TOTAL	- 4	450	160	817	* 90" 279	W- 501	2 179.845	5.724,454	6.000.0
DOVISION NO. 4									
		-		- 0	10 400	3.495	39.00	64,643	171.5
WILLIAM D'		-	1	STR.	23-361	272 676	5 953,534	77 200	104.9
GRAND YOU'AL	100	100	34	152	307 345	538 842	4 30 70	3.704.500	1: 150.5
991969 NO. 2									
poers.				36	45.500 32.496	4.762	149 722 12 100	91 929 30 368	861.3
COUNTY COUNTY		á		- 2	91,000	7.967	58.331	44 (79)	109.1
bendear so, a									
CALGAR*	218	8.425	iar .	9 309	26,763,796	2 8r 589	P 964,597	87 345 748	7,04.5
CHRESTINE DEGROTALISE		ri e		- 4	12.319 47.54	2 999	45 946 95,778	49 197	140.0
OV 85			- 1						
THEE PLANS		266	3.	80		eng.	25,460	274, 198 4 500, 676	265.5 2 891.6
ORADE TOTAL	-	107	110	C1 15.467	362 DN 36.345.896	823-367 3.555.000	116,763,216	40 465 609	50 101.0
devision no 1									
	4	- 1	2	÷	9.80	3.53	25 540 452 794	41,15E 62,979	(13
VINORAL WALESPERSON	:	- 6	3	10	40.00	3.40	75, 491		195.0
				19		19.8%			
GRAND TOTAL	31	45	HE	100	243.60	10.00	1.365.600	459,912	1.259,9
BYTHON NO. 5 TABLEST		13.		-15	M. W.	3.400	48.600	+0.304	711.0
CHANGE		15		- 3					
			7	- 12	94,752	4,606	30c 197	80, 179	< 1,2
LACOHIE		- 20	4	19	\$4 E2	4.30	386.430	140.259	386.8
POHOEA BED DEEDS	:	25		- 22	\$1.765 275.486	1.27	7 795 941	200 020	1 777 0
ATECTO AN		- 2	- 2	- 5					
WETHERWIN		56		14					
DENIES OF STATE	3	10	- 4		1.93,89	33,431 535,796	1, 195, 850 5, 584, 947	26 507	345.7
BONILLE	,	2			1,70	5,467	175 40	20 953	306.9
ROOM HOW THE HOUSE	, i	- 10		12	100.101	9 125 25,439	1 262 670 2 Big.mc	549.71F	425.5
OTHER O	15	100	36	386	* 617 764	76.45	4 007 009	2, 997-969	6 904 1
enison so is									
PPOADMANDLEN	2	- 7	19	*	45 150	405,413	4 291, 225	3, 880 E75 EF DEL	7 890.4
VECHEVE, JE VERNIL DK		- 2	- 6	- 2	25 Tel	3 117			
					305 100		* 625.306	261 124	2 056 3
GRANG YOTAL	42	454	30	40	193,724	201 107	6.895 N	3 129 279	10 191.3
BON-SION NO 1 KOMONTON		3.000	2.379			1 per Ser	20 007 24	44 MW 847	294, 86 7
	"		- 40	7					AP 4
		- 7			7 66	5.965		31; 549 670, 473	1 399 1
OTHER O		125 3.072	1.05	P 95	207 300	62 MIZ E 080 Miz	7 851,584 33,194 668	20 215 845	2,359 (
ON1510n No. 2									
		37		- 5	7.6	4 500	160,521	25, 618	300 8
STATE OF		10	16	- 25	54 Sc	2,479	1.607.000	25, 411	F 100 c
GRAND TOTAL	- 4	101	10	100	173-407	136 725	4 274 967	3 112,000	7 365 3
printings and 1									
		- 19			27 279	7 3-7	551, 940 -01 At	10: 60°	430 1
GRANE TOTAL	19	296	2	209	295.30	7 500	HT0.090	680, 149	2. 96.3
DATEMENT IN									
	:	- 15		- 5	MG 05	1: N N M	647 486 189 750	150. IF	1.173.6
BARDIERO LAC LA INDIE		- 4	- 1	- 2	76.70				
prode to	16	- 6	- 1	- 65	200 000		£ 967.790		

## MINORE, STATUTES OF THE HANDFACTURES MONOTERS. IN GRASH REVOLUTE FOR THE PROTECT OF AUGUSTA 191.

		1400							
	MATERIAL SALES	54	-Curetus		94LM003	COST OF FUEL	555° OF	NO. 17	or recovers
918079h	MERTE								17 PHOOKE 15
6001000 00 11	NO.	rail.	Sign	100	5	3	5		3
CLASS SIVER									
			- 4	20	46.7	417	91 JU	19 TH	2 963
GRANE VETAS	100	736	12	- 5	26.70	26.8.3	1 KM 515	475 198	1.700.1
anuteou eo. s									
STATES PRINTE	100		240	-	75.00	6.77	124 10		
Daylor Language	-	- 65	- "	100	· 12 (5)	195 - 475	7 821 841	2 865 Kin	2 60
CRAND TOTAL	40		- 6	-	1 497 108	545 E	1 37 85	50 60	2.00
MCSON NO.									
SELECT TOTAL		_							
DANGE TOTAL		-		294	404.870	30 695	F9-2H	38 198	490.0
	T +100	Minda	N. 3747	LOAST	ARREST COURSES	MDCD-WITZ			
						cours or eac.			
	£5*ABUSH		Compres	15.	SALAMES		DOLT OF	**455 G	resource.
	NEVF3	NATE OF	remut No	TOTAL.		ELECTROPITS	MATERIALS.		
		740	100	100	5	3		5.	6
FRRRS AND REVERASES	86	2.400	- 50	67	9 1/2 109	767 945	45 255 167	10 KP 80	89 15, 834
SLANDHYDRING AND HEAT PACKED.		de?	- 20	100					
FLORE MA. 5	19	490	- 8	Sun	* 408 810	€ €	4 507 555		
		756	45	30"	6+ 2- 249 TX	71 000 23 002		F NO 196	P 846 855
		100	- 4	-27	17 70	25 842 86 785	963 (96) (97) (87)	5 3 644	4 4° 50
						No. 700	101 M	490 961	4 £79 194 925 793
								15 544	3, 179
MISCELLINEOUS POSS PRETADATIONS		**	80	140					4 60 496
OTHER HOUSTAIRS Y		100	794	43.	901 994	105 264	9 707 1927	34 772	1 24 4
JEATHER PRODUCTS		14			70.90	150	7 30	2: 33	167-665
MISSELLINEOUS LLATHER PRODUCTS	2 5	29		-	W 80	196	9 310	31 101	167 415
LOThing Piterry's year rups			16		700.000	6.0%	40.00	100 10	nee to
					> 100	. 992	430 400	261.061	500 M.
Fire Googs									53.68
QUIEN INDUSTRIES '31		- 9		44	47.89	1 612	265 854	95 700	EE 10
VOOR PRODUCTS	-	475			1 177 700				
		275	- 79	Like .	907 SSS	NO 442	5 set 580	2.04 996	8 3 524
				×	170 700	2 30	200 200	457 Jan	* 324 944
BOXES AND BASKETS								404 ARS	150 000
MORPHOLIS SOCIAL GENER INSUPPLIES IN	6	19		-	26 365				
	1	47	100	75"	atte 301	~* Set	PHE BOD	924 275	868 307
MINTING PUBLISHED AND AULIES MODIFIE	NET IN	63	701	See.	7 190	22 W.C	7 507 664	4 700 mg	6 179 194
NEISTING AND BOOKESHOWS	.n	262		100					
FUELDHING AND PROTING		- 20		200					766 673
PERSONAL PROPERTY OF THE	3	296	36	250	00 500	16 472	995 487		
OTHER HOLD THES IT.	-	- 4	36		50 %	200	*45 729	755, 76	
							24 630	434 584	140 570
BOY AND STORE PROPUCTS	10	100	76	1.79	4 54 90	175 500	4 301 432	A 455 M/r	F 25.6
ACREAL TURNS INCREMENTS		677		100					1 236 345
SHEET METAL PRODUCTS		.00		279					
OTHER INGUISMES NO	à	196	- 5	. 10	379. 27	10 150	996 524	1 279 279	7 (78.150
				40	4 15.00	Se wer	2 312 410	1 317 796	1 94 969
BANKERSKEATION COURSES	10	1.00		170	4 89.00	- g-a	2 614 812	4 800 800	201 794
	-							4 600 500 570 500	343 736
OTHER INDUSTRIES		79		Ser	3.766 ST	10 794	5 355,044	2.756 187	7.479 540
MH-FERROLD METAL PRODUCTS		-							
				*	195 759	* 990	2 596	513.519	127 644
		40	- 4		15 300	1 949	100 MG	47 554	40 115
Фенен моизтица				- 7	7.00	15	101 40	451, 889	130, etc.
NOV METAL-US MINERAL, PRODUCTS									
	~	119		70	* elv cue Ni tipo	192 449	-95 100	- 665, 240	8, 96 987
			- 1	- 10	N 101	10 301	305 801	279 650	
GTHER HONGINES TO		~	- ;	- 20	80 cm	40 1/14	2 200 545 Tep 584	400 861	4 335 (65
DIEMOGAL PRODUCTS									
METOENLEMENT CHENCH, PROBECTS	76	29	35	509	214, 18	195.300	7 +35 34	5 339 201	9.947 19
		-		-	200 202				
OTHER HONE/REE O.		70	- 6	-0	196.90	770 304	189 190 217 200	313 399	795 886
		-					417 561	168. 3	8 16 340
660 ELECTRIC AND HEIGH	OK 15	70		140	105,479	60 GH	8,4%	295 355	00: 90
DOWN INDUSTRIES OF		*	- :	2	325, 448	76 652		442 394	
		-		20	10 694	5 430	95 95	A42 256	347, 936
THER MUSE GROUPS THE									
104464	-0	316	100	407	> 175 509	367 534	10.019 676	5.490,42	19 239,220
SHIRD FOTALS CALGARY	340	8.400	497	2.50	79.755,704	3.8F 394	F 884 355	12 54) 344	12.5M SW
						-		20 204, 194	-e. u.at 304

COORS AND EEVERAGES

LEATHER PRODUCTS (d) TENTILE PRODUCTS EXCEPT GLOTHICS

CLOTHING PERTURE AND PERF

PARK DESCRIPTION OF

MACHINE GHOPS HOUSTRAN MACHINERY SHEET MITTAL PRODUCTS
MISCELLANDOUS BOH AND STEEL

OTHER PROPERTIES OF HON METALLIC MINERAL PRODUCTS CENERY PRODUCTS OTHER INSUSTRIES (I)

CHEMICALS AND ALLED PRODUCTS

MISCOLLANGOUS MANUFACTURES DIGUSTRIES DIGUSTRIES DIGUST ELECTRIC REGILAND OTHER

PETROLOUM REFINED AND PRODUCTS

SLEAGHTERING AND MER? PACKING

PREPARED STOCK AND POWERSY PERSON

MINISTRES (I)

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						26, 650	6 70 25	405 690	3, 679, 967
			12	151	176, 179	Pv, 545	807.376	532 644	142 91
				26	42,797	.622	31.683	15 559	100 344
OTHER INDUSTRIES (A)	4	134		140	224 229	28.591	2,648,975	812,443	1: 851.524
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					95,754	2.549			180, 841
PERIODICALS PUBLISHING ONLY	32	56	24	-	82.298		279.360	65.454	291 300
STON AND STEEL PRODUCTS	9	306	89	1.595	6 507, 909	(3.94)	6,3% 431	6 465.119	64, 907, 291
		195							
				40	155 341	2 586	79 558	309 387	191 225
									362,941

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POOCE AND REVERALES

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PRINTING AND PUBLISHING 9"		34	,	36	16 437	7 621	43,550	238 679	262 59
OF METALLIC MINISTEL PRODUCTS A	vo.								
CHEMICAL PROBECTS II		419	242	521	296,797	72 609	203,470	> 302 885	4 MM TH
GRAND TOTAL S MEDICA	NE HAT AL								
OKKED IGIACE MEGICI	AE HAP 48	100	20%	140	2.991.00	53,645	F7 080 295	2 275.116	32 14, 891
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	KO"NALISH	MILE	FEMALS.		BALARES 610 WATER	AND	906T OF		PRODUCTS
	AND.	MACK.	PERCE	1000	. AND WARDER	SUSC-MICHY	NATERIALS	HET	GROS
		_	-	-					
DOOR AND BELEAVERS	14	323	167	E79	E. 282, 908	149,007	5,473,199	2 187 209	7 195 30
BREAD AND CHIEF BAKERY PRO		20	29	27	329, 962	27.451	254 504	SET. 330	1 634 75
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	,	264	96	460	1,09,261	96,500	4,460.194	4 041 711	8.587 214
ENTILE PRODUCTS (I)	4		14	- 10	19,615	1,700	30, 197	67 640	168, 560
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MENTHS PUBLISHED AND ALLIES PR	ODUCTR (I) 9	74	16	M	305.7%	6,707	135,020	840,917	797, 680
ION AND STEEL PRODUCTS OF		164		107	248 353	10.002	47. 379	575.455	891 380
MADISHE BHOP PRODUCTS	1	27		27					155, 260
OTHER PROGRAMMES (b)	1	32		79	bit, Sell	7 810	345.901	447 309	9/1,130
PARTECONTATION EQUIPMENT AND MIS	COLUMN AND ADDRESS								
MANUFACTURES DELETE	1853 S S	-81		.50	79,290	5,475	92 921	29.00	254,003
ON METALLIC MINEAUL PRODUCTS (		48		45	tút, die	17,407	85,096	134,433	219.000
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TOWN OF STETTLER - RICH FARMING AND OIL CENTRE

9

LABOUR

INSPERIOR NAME

Washer -----

## WAGE RATES AND HOURS OF LABOUR

Lobour Managamant relations in Alberta cas governed by the Alberta Labour Act. The Board of Industries Labour act, of the Operations of Industries and Labour - is charged with the administration of the Act and the Crises issued under its five parts: Hours of Work, Minimum Wages, Houdays with Pay, Industrial Standards, and Cancil Testing and Albertation.

The Act applies to all employees in the province except persons who are farm labourers or domestic servants in private homes, and their employers

The Act was almost completely revised in 1954 as a result of representations by organized labour,

The Act was dimost completely revised in 1904 as a require or representations by organized labour, management and public bodies.

Completation between employers, labour and the Department is excellent, Almost 80 per cent of

the disputes referred to conciliation procedure are settled at that stage.

Work stoppages have been rare. In 1950 there were 2 legal strikes; in 1951 – nane; in 1952 – 5

Work stoppages have been rare. In 1950 there were 2 legal strikes; in 1951 - nane; in 1952 - 5 and in 1952 - 1. As a result, industrial peace has been an encouraging factor in Influencing businesses of all descriptions to locate plants or branches in Alberta.

The following which show the sogn other, magas of takes, and boars of labour prevailing for certain specified, custification of workers are various suppossible substitutions to the province. At the designation of employees verse from "fire to fire", and as there is no way of comporing the work particularly contained by individually, no others the bose mode to condition this fall that the sumple presented is wide enough to give a good false of preventing labour continuen in the province and 15 Septembers, 1934;

## PREVAILING WAGE RATES AND HOURS OF LABOUR - ALBERTA SEPTEMBER 1, 1954

INDUSTRY	Wage Kates	Konge of	Prevailing
	Per Hour	Rotes	Hours of
			Labour
	¢	¢	Hrs.
PACKING PLANTS			
Skilled Butchers	145	145-193	40
Beef Cutters & Boners	152-1/2	152-1/2-160	40
Beef Luggers	145	145-152-1/2	40
Casing Room Workers	137	137-152-1/2	40
Sausage Smokers, Stuffers, Cutters	145	145-152-1/2	40
Checkers, Receivers, Shippers	145	145-152-1/2	40
Machin sts, Electricians	185-1/2	185-1/2-193	40
Pinefitters, 2nd C ass Comenters ************************************	177-1/2	177-1/2-185-1/2	40
Mechanic, Blacksmith	169	169-177-1/2	40
Scalemen, Saw Fitter, Greasers & )			
Oilers, Pointers, Maintenance }	145	145-152-1/2	40
ELECTRICIANS - JOURNEYMEN-			
Cablemen & Splicers	195		40
Linemen, Installers, Sensor Rackmen	190	=	40
Rockman, Servicemen, Shop Mechanics	184	_	40
PBX Installers	195	=	40
Shop Mechanics	184	=	40
Senior Shop Mechanics	195	~	40
		=	40
Power House Mechanics	188	=	40
Bailer Mechanic	163	_	40
Welder	162	=	40
CARBONATED BEVERAGES			
General work - Male	114	114-124	44
Female	89	89- 99	44
Lift Truck Operator	122		44
Warehouseman	107	307-112	44

44

191

CARBONATED BEVERAGES:(Continued)	Par Hour	Rotes	Hours of
			Labour
	¢	¢	Hrs.
Plant Labour - Male	170 100	100-120	44
Female	75	75- 97	77
remaie	/3	75- 97	**
	Pm	eval ing	
	Weekly Woge	Range of	
	Rates	Rates	
	\$	\$	
Machine Operators	56	56~60	
Truck Helpers - City	46	plus commission	5 day
Country	50	plus commission	5 day
Supervisors	68	68-72	- 44
Supervisors Warehouse Foremen	55	55-65	44
	Pn	evoiling	
	Wage Rates	Range of	
	Per Hour	Rotes	
	¢	c	
IRON & STEEL:			
Lobourers	105	105-116	40-44
Machinists Journeymen	165		40-44
Welders-Journeymen	165		40-44
	205		40
Helper	140		40
Welders-Sheet Meta	175	175-205	40
6611-0-14617-01			
COMMUNICATION:	105		40-48
Telephane Line Foremen	185 175	185-215	40-48
Journeymen Telephone Linemen	125	175-190	40-48
Apprentice Telephone Linemer Digger	149	125-190 149-170	40-48
Digger	149	149-170	40-40
		evailing	
	Wage Rates	Range of	
	Per Day	Rates	
OIL WELL DRILLING:	\$		
Drillers	10.70		0.14
Drillers	19 50 13.20		8 daily 8 daily
Derrickman	11 86		8 daily
	13.00		8 daily
	11.00		8 daily
Toolpushers	615, per mon	st.	month
roupos or	and put have		
	Pie	evailing	
	Wage Rate Per Hour	Range of Rates	
	Per Hour ¢	Kares C	
LUMBERING:	*	*	
1-6	80 *	80- 65	48
Education Contraction Contraction	100 *	100-125	48
	100 *	100 125	48
	100 *	100-125	48
Slab Packer	100 *		48

INDUSTRY LUMBERING: (Continued)

	Per Hour ¢	Rotes ¢	Labour Hrs.
Lumber Packer *** Plus Sç per i	85 * our bonus if	85-95 they stay the season,	48
		Prevailing	
	Wage Rate Per Day	Range of Rates	
	\$	\$	
Sawyers Tie Packer	12 00 11.00	12 00-13 50 1 00-12 00	54 54
	Wage Rate		
	Per Month	Range of Rates	
	\$	\$	
Cook	150 110	150~225	54 54
T'mekanner	100	100-150	54
Barn Boss	110 200	110-150 200-250	54 54
Blacksmith	150	150-175	54
STBI MAINING — COAL Loader Operator Baster — Treater Operator Trepts Libourer	143 163 163 158 158 158 163 173 188 158 158 158 158 158 158	T7-400	
Mine Manager Tipple Foreman	275 275	2/5-400	
		Prevoiling	
	Wage Rate Per Hour	Range of Rates	
	¢	¢	
Truck Driver	122	122-175	44
LAUNDRIES Extractor Operators-Male	100 120	100-125 120-125	
	Per Weak S	Per Week \$	
Sorters-Female Finishers-Female Flor Work Operators-Female Drivers-Male	25 00 25 00 24,00 45 00	25.00-30.00 25.00-29.00 24.00-30.00 45.00-85.00	44

Prevailing Hours of

Labour

40

Hrs

Corpositor Machine Operator Pressimen Press Feeders (apprentice Pressmen) Bindery - Apprentice Cutter Feeders PRINTING & PUBLISHING	187 187 105 59 187 100	187-215 187-205 187-208 105-192 89-150 187-192 100-135	40 40 40 40 40 40
Journeymen Linatype (day)	190 206-1/2		44 44
WOODWORKING: Groover Operator Groover Inside Swyer Cut off Swyer Naller Operator Resow Operator Planer Operator Factory Helpers	105 80 115 90 90 110 105	90-110	44 44 44 44 44
TEXTILE PLANTS: Curters - Male Cuttars - Helpers Bondle Girls Pressers - Famale Shippers - Male Sewing Room Operators	65 162 116 75 100 106 97	65-105	40 40 40 40 40 40
	Prevailing Week y Wage Rates \$	Range of Rates \$	
DAIRY PRODUCTS: Both Filles Ice Creen Mokers Pollsecture Pollsecture Bothe Weelhers Bothe Weelhers Buttermöter Can Weelhers Stobleman Truck Dirivers	52 47 48,84 43 18 48,84 52,47 47 86 52 47 47 86	52 47-54,78 48 84-55 81 43 18-46 88 48.84-52 47 52 47-54,78 47 86-50,17 52 47-54,78 47 86-50 17	40-44 40-44 40-44 40-44 40-44 40-44 40-44 40-44 40-44 40-44
	Wage Rotes For Hour		
PETRO-CHEMICAL PLANTS: Distillation Operator Reactor Operator Widow, Pipelitier, Captenter Cuthing Operator Product Guality Operator Check Weigner Rocker Automative Driver	2.01 1.72 1.67 1.57 1.52		

Prevailing

Range of

187-215

Rates

Wage Rate

Per Hour

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187

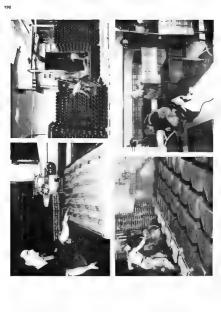
INDUSTRY

JOB PRINTING:

INDUSTRY PETRO-CHEMICAL PLANTS, (Continued)	Wage Rates Per Hour	ailing	Prevalling Hours of Labour Hrs.
LabourarJanifor	1.42 1.25 1.20		
	Wage Rates Per Hour &	Range of Rates	
GARAGES:		*	
Auto Mechanic (Class AA to C)	125	125-170	
	Per Month S	Per_Month	
Washmen & Greasemen	190	\$ 190-215	
Gas Pump & Front-end Men	165	165-200	8 hour day 8 hour day
Parts Technic an-	235	235-285	8 hour day
Night Watchmer & Storage Attendants	180	190-200	8 hour day
	Prev	otling	
	Wage Rates	Range of	
	Per Week	Rates \$	
HOTELS:		,	
Chambermaids	35.75		44
	46,00	46-60	44
Dishwashers - Female	26.00		44
Elevator Operators	36,50		44
Housekeeper Porters	42 00		44
Room Clerks - Male	46.50 48.00		44
	39.10		- 22
	26.00	26-30	- 2
	33 00		44
Bellboys (over 21)	39.50		44
Bellboys (over 21) Topmen (bor) Warters (bor)	61.00		44
Glass washers (bar)	55.00 55.00		# # # # # # # # # # # # # # # # # # #
Glass washers (bar)	35.00		44
	Previ	dising Range of	
	Per Week	Range or Rates	
	\$	\$	
RETAIL:			
Bookkeepers = Female	35 00	35 00-55.00	
Cashiers - Female	32.00 32.00	32.00-50.00 32.00-44.00	
Janitors	48.00	48 00-54,00	
Office Appliance Operators - Female	35 00	35 00-45 00	
Solar Clarks (sloola) Moia	40 00	40,00-45,00	
Solar Clarks (porriad) Molassessesses	48,00	48 00-65 00	
	32.00	32 00-44,00	
Shippers & Receivers	48,00	48 00-60.00	
Stenographers - Female	35 00 35.00	35 00-47.50 35 00-42 50	
	60.00	60 00-70.00	
Warehousemen	48,00	48 00-58.00	

### CONSTRUCTION INDUSTRY - BY LOCATIONS MINIMUM HOURLY WAGE SCHEDULES

CLASSIFICATION	CALGARY	EDMONTON & ZONE	LETHIRIDGE	MEDICINE HAT & SUFFIELD	WAINWRIGHT	OTHER POINTS
	5	5	5	5	5	5
Blacksmiths	1.70	1.65	1.35	1.35	1,40	1,50
Blacksmiths' he-pers	1 35	1.35	1.05	1.05	1,25	1.10
follermakers on construction or erection	2 20	2.20	2 20	2.20	2.20	2.20
krick & hollow tile layer	2 25	2.30	2.05	2,00	2.17	2.00
Rick & hollow tile layers' helpers (muxing						
& tempering mortar)	1 40	1.40	1 05	1.05	1,25	1.10
Carponters & oliners	1.95	1.95	1.80	1.75	1 85	1 75
Sement finishers	1 60	1.70	1 25	1.25	1.50	1,40
Cament & concrete mixers oper's. (gos. or elec.)	1,40	1,40	1.05	1,05	1,25	1.10
Compressor operators (gas or elec )	1.35	1 35	1.05	1.05	1.25	1.10
Orag ine operators (steam or gas.)	1,60	1.75	1.50	1.50	1,60	1.75
ectricions (inside wiremen)	2,00	2 25	1,64	1.50	2 05	1 60
evator constructors	2.10	2.21	2.05	2.05	2,05	2,05
ingineers, crone (steam, gas, elec.)	1,60	1,75	1.50	1.50	1 50	1.75
agineers on steel erectron "	2.10	2 10	2.10	2.10	2 10	2,10
abouters resuda	1.30	1.30	1.00	1,00	1 20	1.05
athers - Wood	1.60	1,60	1.40	1 30	1,50	1.40
noleum layers	1.40	1 40	1,10	1.10	1,25	1.15
Ornamental Iran workers	1.75	1.75	1.75	1.75	1,75	1,75
Painters & glaziers	1 70	1 65	1.50	1 25	1 55	1.40
Pipelitters (surface - temporary work)	1.35	1.35	1.05	1 05	1.25	1.10
ipeloyers, coulkers & so derers	1 35	1 35	1.05	1 05	₹ 25	1.10
rasterers	2.00	2.22 1/		1 75	2,00	2.00
asterers' helpers (mixing & tempering material)	1 40	1 35	1.05	1 05	1.25	1.10
sumbers & steamfitters	2.10	2.25	1,90	1.55	2.10	1.75
load grader oper's (gas)	1 40	1 50	1.25	1 25	1.35	1.35
Coofers - fult & grave , patent: composit on	1.35	1.35	1.05	1.05	1.25	1.10
toofers - sneet metal	1 85	2.15	1 75	1.50	1.85	1 60
heet meta workers	1.85	2.15	1.75	1.50	1.85	1.60
steom shovel engineers	1 60 2 25	1.75	1.50	1.50	1.60	1.75
	2.15		2 05	2.00	2.17	2.00
Structural Steel workers	2,15	2.15	2,10	2.10		2.10
errazzo layers	1.40	1.50		1.25	1.40	1.35
Tractor oper's (Letourneau, etc.)	2 15	2.15	1.25	2.10	2,10	2.10



# SURVEY OF PRODUCTION & PERSONAL INCOME

### SURVEY OF PRODUCTION

"Nodestion" is commonly understood to reaso allower the activities involved in putring ethol commontries through officers, and the committee herealized their hybrobia been produced. Accordingly, buildings and reamfacturing agood. Down exclusives such as transportation, communication, freezes, trooped and reamfacturing agood. Down exclusives such as transportation, communication, freezes, trooped and their survivals, although what it has exceept, well loss in brindless for projections' except to exceed and their survivals, although what it has exceept, well as the facilisation impositions' projections' except to phose calls instrument individuals are not incurate in the value of production, but the steplayment will be included in the semidestermary canded that in the value of good and the semidestermary canded that it has value of good and the semidestermary canded that the two values of good and the semidestermary canded that it has value of good and the semidestermary canded that it has value of good and the semidestermary canded that it has value of good and the semidestermary canded that it has value of good and the semidestermary canded that it has value of good and the semidestermary canded that it has value of good and the semidestermary canded that it has value of good and the semidestermary canded that it has value of good and the semidestermary canded that it has value of good and the semidestermary canded that it has the value of good and the semidestermary canded that it has value of good and the semidestermary canded that the value of good and the semidestermary canded that the value of good and the semidestermary canded the semidestermary canded that the value of good and the semidestermary canded that the value of good and the semidestermary canded that the third was also as the seminary canded that the seminary canded that the seminary canded that the seminary canded the seminar

Agriculture, mining, fishing, trapping, Lambering and the generation of electricity are classed as primary industries whise construction and manufacturing are said to be secondary industries. These are known as the eight commodity producing industries.

A figure cal ad the grant value of production is sentimes obtained by adding together the value of good produced in the alph producting includings. However, such a figure will create many deplication, for example, the value of lateller could be included that in the foreity reducting again in the lateller of the country of the country

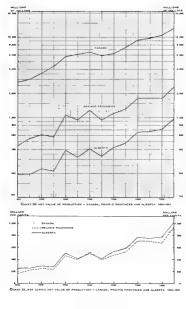
In addition to the deplication between industries, there can be deplications within a single industrial, in the case of agriculture, for exemple, some of the grain produced find included in the total production of find coursel is test inversed. This the visit relief of field copy plus the total visite of exists in manufacturing the findished products of one plant may be the ser materials, find or supplies of ormater, two eventiles, coams, in delivation of its grown law of production of a collegisted.

This next value of production measures only the value coded to total production by sects inclusing. This measure is determed by describe from the total is used to optical testinating feature breast, the cold is 1951, for example, membrace terminal production of the control of

The following table and graphs compare the net value of production of Alberta industries with table of the three prairie provinces and Canada as a whole, both in total dollar value and on a per capita hasis for the netral 1938-1951.

Table 109. HET VALUE OF PRODUCTION, AND, PER CAPITA NET VALUE OF PRODUCTION

		CANADA	PRAIRIE PROVINCES A	NO ALBIDRITA, 1908-1	15(	
		ET VALUE OF PRODUCTIO			PITA NET VALUE OF PRODE	UCTION
YEAR	CAMADA	PRAIRIE PROVINCES	ALBESTA	CANADA	PRAINE PROVINCES	ALEERTA.
	1	1	\$	5	1	1
		445, 812, 000	195.232,000	247	189	250
1939	2, 997, 279, 000	542, 689, 000	193 305,000	266	224	243
1940	- 3,548,492,000	404 873 000	226, 797 000	312	230	280
1941	4, 384, 228, 000	\$74 \$20.006	216, 345, 006	379	237	272
1942	5 752 354 000	1 977 199 506	386 575,000	494	406	405
1943	6, 113, 438, 000	\$15 197 900	223, 575, 900	208	389	400
1944	6, 201, 489 000	1 229 125 000	496, 773, 999	530	519	507
1945	5 900 017 000	359.217 000	330, 311, 099	489	393	409
1046	6, 234, 659, 990	1 113 538 660	422 572 000	307	472	526
1947	- 7 428, 918, 000	1, 273, 469, 000	479, 864, 660	530	531	582
1944	9.058.317.000	1 718, \$14, 000	\$54 213,000	204	705	786
1949	9, 685, 047, 000	1 729 171 999	696, 203, 000	720	791	755
1950	10.559 557 990	1,716,763,909	707 906,000	779	683	775
1951	T2 954 430,000	2 576 163,000	945, 429, 000	925	993	1 997



Each of the first lines on the graph "Net Yolks of Production, Condo, Passis Parin's and Alberto, 1997-1915" has should the some evenege speed size. This indicates that the evenege enrolls not of irregard of the set value of production has been about this some for each of the time region of the eventual conditions of the enrolls of the eventual conditions and the eventual conditions are distincted by the eventual conditions and the eventual conditions are desired to the eventual conditions and the eventual conditions are desired about the some form perior to yet, the relation of the eventual conditions are desired production for the eventual conditions are desired as the

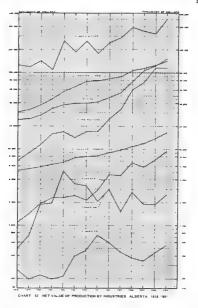
The net value of production of the praine region, dependent to a large extent on agriculture, production, has shown much greater year-for-year fluctuation than his that of the ration or a whole. Alberto's pottern has followed that of the praine provinces very closely. Upward and downward movement have loster place in the same years and have been of neethly the same relative segont-late.

As shown on the componion grops "the Capito het Valles of Production, Coxodo, Rainie Provinces and Alberts, 1928-1951". Alberts in and vaue of production on a per capito basis has been layers than that of Canada in seven years and lower the other seven years of the per of from 1928 to 1951. In only year (1944) did the per capital next value of production of the traves peritie provinces exceed that of Alberts, The errar"s behaviour of the prairies' series as compared to that of the Dominion is quite evitant.

In 1951, with all duplications excluded, the everage production of commodities was over \$1,000 per person in Alberta. In that year with 6.7 per cent of the nation's population, Alberta accounted for 7.3 per cent of the total net value of production.

	1	*		×		16	3	8		٣	4	ĸ	4	4
ASPICULTURE	125, 400 000	84 T	19,439.000	F 4	HF 8791.90P	<b>62.9</b>	129,401 050	90 T	276, NA 960	67.2	486,755 800	56.3	259 30 600	FI 1
MINING	\$4,000,000	> 3	34 179 309	2.9	27 884 989	12.2	34, 129,000	ES. 9	38.162,609	9 9	39,881 000	10.4	40 St. 000	* *
ELECTRIC POWER	5, 251, 060	2.7	5,545,000	2.9	5, 889, 900	2.5	6,303,690	2.5	6.694,000	,	3 796 900	2.4	7 500 500	4.0
PONESTRY	1 1 2 000	9.6	414 days	0.7	188 000	0.7	E 267,000		2 3 # 000	0.1	2.478,900	4.8	2 46.090	4,1
TRAMPINS -	504,000	9.1	717 000	0.4	1 865,000	1.0	1 452,050	5.9	5.163.600	13	3 500 800	4.4	3.3 3 300	8.4
PISHEAIES . ~	311,000	6,	191,000	4.1	222-099	8.4	INT one	0.1	2 3-650		.r90, 900	6.1	455.000	1.5
HAMFACTIRUS.	10,196 000	15.7	10 415,000	16 1	87 747 000	15.3	45 355,960	21.2	87 480 000	14, 1	65.797.200	20.5	77,416 900	18 0
CONS-1890310H	7 211 000	3.8	E. 945.050	€ 5	11 445 000	50	5 794 000	7.3	15,901.000	4.6	14 262,600	4.4	16. REI. 000	6.2
	-	-	-	_								_		_
TOTAL	195. X30: 500	100 0	25 265 900	190.0	201,797 090	190.0	216.043.000	100 5	586, 675, 8tp	.00, 0	338 559 000	F00, 0	#04, 773, 998	196.0
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AGRICULTURAL.		•		я	s	=		3	5	я		*	5	
AGRICULTURAL .		•	8	10 I	5 196, 990 (FE	15 25.6	3 391.000.000	35 28.5	5 149,495 000	55 30 4	5	45.5	5	56. E
	8 79.09 000	16 54 2	5 245-804 000	10 I	5 196, 990 (FE	15 25.6	3 391.000.000	35 28.5 14.7	5 149,495 000	55 30 4	5 A22. No. 100	45.5	5 596,632 000	56. E
MINING	\$ 79.09 000 41 713 000	% 94 2 12 1	\$ 195.804.000 42 634.035	% 50 i 11.3	5 196, 960 (FE 54, 960, 000	18.6 19.3	\$ 391.095.000 76.572.000	35 28.5 14.7	5 349, 495 905 106, 605 360	32 4 16.6	\$ 322, 352, 560 811, 343, 660	45.5 17.3	\$ \$96,632.000 164.534.000	51. t 11. t
MENNIG	\$ 78.09 000 41 713 000 8.127 000	% 94 2 17 5 17 5	\$ 246.804.000 42.604.000 6.51°.000	90 F	5 196, 990, 490 34, 990, 400 3 704, 168	18.6 to 3	\$ 391.090,000 76.912.000 10.967.000	35 28.5 14.7	5 149, 486 866 106, 806 360 11 597 308	15 4 16.6 1 E	\$ 322, 302, 560 F21, 343, 660 12, 861, 860	45.5 17.3 2.0	\$ 596,632 000 161 334 000 16,781 000	50. 0 50. 0 7
MINNES ELECTRIC POWER FORCETRY	\$ 78.09 000 4* 7*3 000 8.127 000 1 927 000	4 94 2 17 1 13	\$ 245.404.000 42.634.005 6.54.000 4.642.000	N 50 3 16.2 2.7 6.1	5 296, 990, 000 54, 990, 000 0 704, 000 4 852 800	# 29.6 to 3 2.0 p	\$ 391,030,030 74,930,000 10,947,000 4,675,000	3 21.5 11.7 1.0	5 199, 495 905 109, 805 900 11 997 900 5, 862 900	32 4 16.6 1 8 1.0	5 327, 312, 000 121, 313, 000 12, 981, 100 7, 202, 100	45.5 17.3 2.0 1.1	\$ \$96,632 000 161 534 000 16,181 000 9-448 000	50 50 50 50 50 50 50 50 50 50 50 50 50 5
MINNES ELECTRIC POWER FORESTRY TRAFFINS .	\$ 78.06 000 41 713 000 8.827 000 2.927 000 2.045.000	% 2 94 2 13 1 13 14	\$ 245.404.000 42.636.005 6.51-000 4.643.000 2.894.000	8 96 163 27 61 97 61	5 196, 960, 690 54, 960, 690 0 704, 660 6 852 950 6 504-946 649 900	# 24.6 th 3 2.0 p 61 e 1	\$ \$91.090.000 \$1.000.000 10.967.000 6,675.000 1.767.000	5 21.5 11.7 1.0 0.4	\$ 149, 495 900 109, 805 900 11 901 900 5, 862 900 827 989 342-900	50 4 1640 1 8 1.3 1.3 4.1	\$ J22, 902, 900 F21, 963, 960 +3, 963, 960 7 202, 660	% 45.5 17.3 2.0 1.1 6.1 5.1	\$ 594,632,000 154 334 500 14,781 500 1-448 500 2 851 600	5 51.8 10.0 1 1 0 0.1 1 0 1 1 1 1 1 1 1 1 1 1

300 -/1.000 100 0 425.532 000 00.0 476 BM 030 100.0 054 State 00.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0



in contribution of each of the commodity producing Industries to Albert's not value of production in the contribution of each of the commodity producing in the contribution of the production in the conceptivity scale and the graph on "New Video et Production by Industries, Albert's 1939-195". Agriculture continues to meintain a strong lead, contributing, in 1951, 3.4 sites as much as 'In mercal video' for the provided lates lie in any zero facility order multiply produced as much to laid of the nat 'Value's adjustment, and the contribution of the nat 'Value's adjustment of the contribution of the native value of the contribution of facility the page of the contribution of facility the page of the contribution of the value of the contribution of the value of the

Some upward movements in the altering, construction and electric govers production Industries are wident in the part way partial. In the stry-see presid from 1945 to 1951, the net value of electric power production cookled, while ther of amenal production increased to 2.6 times and that of constructions of 7 intent the 1944 values. Then are value of amendicating increased at a govern around into during the period 1940-1951, but with the completen of several new large plants the 1951-1954 and the contraction of the 1951-1954 contraction of the 1951-1954 contraction of the 1951-1954 contraction of the thindustry another regist upward severant in the rote of increases of the new values of production of that industries.

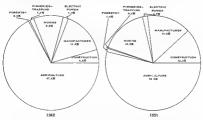


CHART 53, NET VALUE OF PRODUCTION BY INDUSTRIES, ALBERTA, 1942 AND 1951

In connection with the total dallar value of production, it may be well to keep in mind the fact that due to post-west rising prices, the dollar value of production has shown a greater increase than that of the physical values of production. Even so, the increase in the physical values has been impressive.

Distinctions should be made between "Net Yellve of Production" on the one hand, and two other concepts "Netforeal incomes" (investines called "Net Netforal Income of Foctor Cost") and "Gross Netforal Product" on the other. Since Figures for Netforal Income and Gross Netforal Product are evaluable on only a notion-velocite basis, they have not been considered here.

in Indicated above, Net Vision of Prosection in the value added to actual cosmodities by the eight cosmodity producing industries. Instituted license is the was of the enempty of the factors explored in the production of special and services, wages and statisties, investment income lacitality correlated to the production of special and services, wages and statisties, investment income lacitality correlated to the cosmodity producing industries, whose of this nonrecommonly producing industries such at transportation, instances, government, etc., are socialed as wall. To corrise on a total validate such as transportation, instances, government, etc., are socialed as wall. To corrise on a total validate such as the second of the factors of production, the try is consistent of the factors of production, that is, depreciation allowers are affinished basines casts, and influent total sease last subdisties. The trival to obtained is called the Cross Noticial Product which recovers total statistics (consistent of the consistency of





TOP - EXPLOSIVES PLANT

LOWER - CHEMICAL PLANT

# PERSONAL INCOME

Personal income includes all income in cash or in kind, whether earned or unearned, received by persons. "Persons" include individuals, private non-commercial institutions such as haspitals, universities and charitable organizations, and private persion funds.

Included in personal income are sugge, salaries, communican and other labour income such or fine boord and many, and income of fineware and order incomposed bullerages, incered and retroit income of persons, trausifer payments such as family, allowances, unseighywnet restructs benefits, del age persisions and other payments for which on specific service is menerally after the proposed for which on specific service is menerally after the proposed for which on specific service is menerally after the proposed for the proposed proposed and personal propose. A proposed postage is a port for dycement operation appears are securified from the personal lances.

TAM, C 110 —TOTAL PERSONAL INCOME AND PER CAPITA PERSONAL INCOME CANADA, PRAIRIE PROVINCES AND ALBERTA 1015. 1040.

	TOTA	L PERSONAL INC	COME		PER C	APITA PERSONAL PRAIRIE	ENCOME
YEAR	CANADA	PROVINCES	ALBERYA		CANADA	PROVINCES	ALBERTA
	2	5	\$		\$	\$	\$
1926	4,892,000,000	951,000,000	797, 000, 000		433	460	482
1927 -	4 305,000,000	998, 000, 000	350, 000, 000		447	470	553
1928 -	4,418,000,000	1,050,000,000	328, 000, 000		470	481	498
1929 -	4, 657, 000, 000	867, 909, 900	230,000,000		464	366	424
1930	4,363,000,000	772,000,000	259,000,000		427	336	366
1931	3,692,000,000	149,000,000	201,600,000		356	242	275
1932	3,065 000,000	508,000,000	169,000,000		292	214	228
1933 -		437,000,000	146, 000, 000		267	183	195
1934 -	3, 153, 500, 500	520,000,000	183, 006, 800		294	217	241
1935 —	3,373.000,000	562,000,000	186,000,000		311	234	243
1936 —	3,577 000,000				***		
	4,042,000,000	569,000,000	188,000,000		327	236 279	243 325
1937 -		673,000,000	252,000,000	****	386		
1938	4,090,000,000	704.000,000	250,000,000	**	367	292	343
		785,000,000	262,000,000		363	325	233
1940 —	4 947,000,000	874,000,000	310,000,000	****	435	361	392
1961	5, 896, 900, 000	942, 000, 000	324, 000, 000		512	369	407
1942	7,475,000,000	1,491,000,000	\$12,000,000	****	641	635	660
1963 -	8, 176, 000, 000	1,342,000,000	447, 000, 000		693	572	569
1944	9,002,000,000	1,774,000.000	589,000,000	****	754	748	729
1943	9,239,000,000	1,623,000.000	564, 900, 000		765	685	698
1946 -	9,761,000,000	1, 847, 000, 000	\$55,000,000		794	782	629
1947	10, 390, 000, 000	1, 968, 000, 000	709,000,000		828	820	8119
1948	11,943,000,000	2,411,000,000	\$70,000,000		931	989	1,019
	12,757,000,000	2,454,000,000	856,000,000		949	996	1,012
1990	10,414,000,000	2,422,000,000	521,000,000		978	963	1,009
1931	15,693,000,000	3,132,000,000	1, 178,000,000	****	1,520	1,230	1,255
1932	17, 132, 800, 500	3,343,000,000	1,255,000,000		1,187	1,280	1,294
1953	16,000,000,000	3, 306, 000, 000	1,286,000,000		1,224	1,238	1,283



CHART 54 PERSONAL INCOME CANADA PRAIRIE PROVINCES AND ALBERTA 1925-1932
PROJEGO

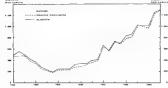


CHART 55. PER CAPITA PERSONAL INCOME CANADA PRAIRIE PROVINCES AND ALBERTA 1921-1952

679 pec. 999

The eccompaying table and graphs compare the personal moone of the people of Alberts with that of the people in the Periole Provinces and Camosa on whole for the years 1926 to 1952. After needing a people in the Periole Provinces and Camosa on whole for the years 1926 to 1952. After needing a people in the Periole Provinces and the Periole Provinces and Period Provinces and Per

The depends on bed greater affect on the personal license of portice people than on that of other Corellors. The great on "The Collin Proceed licenses" more that the everage personal increase of the people on the points diseased below that of the people of the Corelions are whole "1972 and remained control of the people of the Corelions are whole "1972 and remained control in the interval Police 1973, which the decrease was Gibb per cent for personal residuous, and 550 are not for Albartess claus. In 1973 the total for Coredo was 6.4 times as great as in 1973, However, the total for the people was 7.6 times and people of the people of the

On a per copins basis, the personal Income of Albertans has been slightly above that of recidents of the three pruning provinces as a whole, except for the years 1943 and 1944 during the whole period 1926 to 1933, and has accessed that of all Canadians every year since 1946 in 1933, the people of Alberta comprised 6.8 per cent of the rational population and received 7.1 per cent of the total personal income.

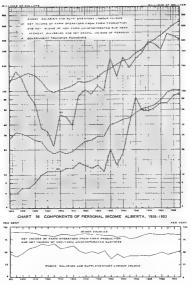
The four main components of personal income are shown on the accompanying table and charts.

THAT I'VE COMPONENTS OF PERSONAL INCOME ALBERTA 1926-1955

YEAR	WAGES, SALARIES AND SUPPLENEN YARY LABOUR BIOCHE	NET INCOME OF PARM OPER- ATORS FROM FARM PRODUC- TION AND NET DISCOME OF NON-FARM VIENNOBINGBATED BUSINESS	INTEREST, DIVI- DENDS AND NET BENTAL BROOME OF PERSONS	ODVERNMENT TRANSFER PAYMENTS	OTHER SOURCES	YOYAL
		1	3	3	3	
1926	(32.962.900	125,000,000	27 309,000	5.000,000	≤1 039,660	255,000,000
1927	142.000,000	171,000.000	32, 669, 000	8.000,000	1,000,000	350,000.000
1920	(53,003,000	159, 960, 096	25,605,660	7 660,060	-2,000,000	325,000.000
1929	164.009.000	9' 000.000	29, 000 000	7 600,000	1 000,000	290,003 000
1950	154, 000, 000	71.000,000	26.000.000	8,000,000	-	258.000.000
931	112,000,000	1A 000.000	25.900.000	15.000.000	-2 000 000	201 900,000
2522	107 000 000	21.000.000	28, 990, 900	1 . 900. 000	-2 000,000	169, 900, 000
1933	96 900,000	22 960,000	15,000,000	11,000,000	~1,000,000	145, 902, 000
1934	182 009,000	52 000 000	12 900,000	11 000.000	-0 000,000	182 000,000
1935	195, 903, 309	49 006 006	18,000,000	12,000,000	-2, 000, 600	\$6,002,000
			4,111,111			
1926	117.000.000	19.900,000	19,000,000	12.000.000	1 000,000	188,000,000
1937	120,000,000	87 000,000	22, 000, 000	14,000,000	-1 000,000	252, 903, 000
1916	12X.003,000	194 000,000	25.000.000	13, 006, 660	-I 005,660	258,003,000
939	122,000,000	92 000,000	26,960 000	12,000.000		262,000,000
1940	145 000,000	117 000.000	22.000,000	13.000 000	5,000,000	310,000,000
1961	189, 909, 900	102 000,000	29.000,000	11 000 000	12 (90.000	324, 009, 000
tesz	EM 402.000	247 000,000	60.000,000	25,000,000	25, 990, 199	611 909 DBD
1962	296, 902, 909	150 906,000	AZ, 900, 000	13,000,000	25,000,000	447 903 000
1944	236, 909, 909	252 gc0 cod	45 000 D00	18 000 000	43 000 000	550,000,000
1945	346, 909, 909	196-860, 090	47 900,000	46,000 000	47 500 000	554, 909, 090
1966	281 600 500	NI con ced	\$5,900,000	\$2,000.000	A 900 060	505 000 500
1947	281 000.000 310.000.000	262 000,000 262 000,000	\$5,900.000 \$1,000.000	51,000-000 51,000-000	3,000,000	731, 000 000
1967	AM 000.000	782 COC, 000 786 GOD DOG	64 000,000	58,000,000	4 DOC 500	#20,000,000 #20,000,000
1945	586, 000, 000 696, 000, 000	362 600,000 362 600,000	6A 000,000 6B 000,000	98,000 000 63,000,000	-4.000.000 9.000.000	270, 003 000 296, 003 000
1950	496, 009 000 666, 002, 000	362 (600, 960 316 (960, 960	77 000 000 78 000 000	72,000,000	4,000,600	921 000 000 921 000 000
1930	400.000.000	319-006.003	77 600,000	AZ 000 000	4,000,000	12. 000.000
1951	534 260,000	481 966,000	96,000,000	72, 900, 909	-4.000,000	1 175,000 000
1452	613 000,000	455, 966, 998	53, 660, 000	87 DSC 660	3,000,000	1 255,000.000

94,000,000

2,060,000 1 286,000,600



HART 57 PERCENTAGE DISTRIBUTION OF PERSONAL INCOME BY COMPONENTS, ALBERTA, 1926-1933

In studying the components of personal moons at should be noted that one person's total income my be divided unange several of the component. For example, and of a forent's moone may fell in the second component. "Not thocase of Fase Operation from Fore Production and Not income of Non-form Unincomponent Business," Noteway, of the Spream also works for wages during a part of the year, re-ceives interest from stocks or books, and neceives a were person, some of his income will be included in more of the other these each commonth these each commonth.

Rehigs the nost striking feature of the dust on "Components of Parsonal Income" in the relative striking of consecution ways, staffers and supplementity below income as construct with the Irrapid networkers of the snoone of time operations from form production and the set income of other amongonized business. In this component consecution flows \$16.00,000 to 1102 to \$95,000,000 to 1102 to 1

The chart or percentage distribution of the main components of personal income shows year to your flockations in the relative importance of the various components, to years such as 1942 and 1951, when the farmers' personal income was high, the relative importance of the other components was reduced.

# CONSUMER MARKET DATA

#### CONSUMER MARKET DATA

The volume of retail merchanciae teeds on the province increased from \$221.0 million in 1961 to 972.2 million in 1953, or 972.9 million in 1953, or 9739.9 per cand, Receipts of the retail service arbitishments increased from \$13.2 million to \$94.3 million in the 1941-51 period, an increase of 614.4 per cent. Wholesale (croses) seles increased from \$120.6 million to \$376.0 million or by 211.8 per cent.

An indeterminable amount of the increase is due to the price increase which have occurred since 1940, but there is no doubt whethever that the emigrapration of the increase is due to an increase independent values of trade. Alberts a shore of the cated trade of Canada Increase from 6.43 per cent in 1941 to 8.49 per cent in 1953, whereas the population, in the same period only moved in the 6.92 per cent to

Per capita valume of retails merchandise sales increased from \$277,60 in 1941 to \$970,25 in 1953.

The number of retail merchandise stores increased by 721. Of this increase, Edmonton accounted for 332, Colgary for 120, Lathbridge for 86, and Medicane Hat for 23. Seventy-eight per cent of the protective was in the four metric cities.

The number of wholesale (paper) establishments increased from 385 to 646. The number in Colgary in the number in Edinoster precipitly doubled, highly from 128 to 255. Net sates increased in corresponding proportions. Although (figures are not directly composited also to change) in canus methods, it is obvious that the numbers of employees in both wholesale and retail establishments have precipitally doubled sites 1941, while the poyerful more than trainled.

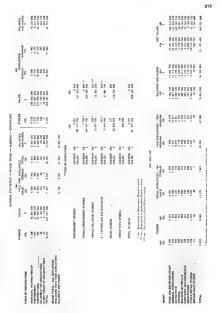
Although these have been must lifetheatouse from year to year in the percentage of the total retail mechanic tensor done by the efficient year of stories, a composition of 1953 and 1944 tales shown a starting change in cossume patterns. The proportions of 1954 tales shown a starting change in cossume patterns. The proportions of total business down by country generalizates decisioned tensor. 23, per cent 19 6.37 per cent year, and year they could be present the control of the contr

Population increased from 796, 169 in 1941 to an estimated 1,002,000 in 1953, an increase of 25 per cent in the number of persons needing goods and services.

On the page opposite is a population density map of Alberta based on the 1951 census, Each der represent 1, 1000 parents, except in the seas of the foor mapper cliests. The creat to the southwest of deriver presenting Websalzium, make the peopurphism clients of population of the province. There are an experimental production of the province that the creation of the province that the creation of the province that the creation of the creation of the province that the register of the creation of the proper client than the province that the register of the creation of the proper time opposite to be relieved to the creation of the province that the creation of the province that the province that the creation of the proper time opposite to be relieved to the creation of the province that the province that

Considered as waster erors for the cities it was be remotived that the Colgary and Leithaidige market areas setted into the British Collambia Intellige on first a Nation and Treal while the Econocities extressors cover the whole northern part of the previous excluding the whole of the Peace River Block. On the other hand centers such on Set Diese, Concess and Greater Periors are ceptibly developing consentrated centres. In their own rights and are beginning to supplant, locally, some of the larger cities as distributions constitution.

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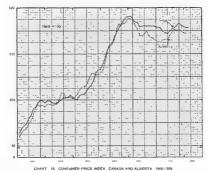




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PRICE INDEXES



The Consumer Price Index measures the percentage change through time in the cost of purchasing a constant

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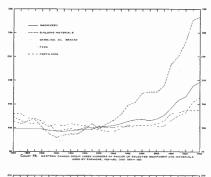
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7 :	227 9  21 WISTON CAS  MACHINEN  22 St. 2  23 St. 2  24 St. 2  25 St. 2  26 St. 9  36 St. 9  37 St. 9  38 S	#25L2099 MATERIALS #27.5 77.6 77.1 90.0 196.4 105.6 10	SE E  CHANGES OF F  GHOUSE  GHOUSE   THE  SE S	0 5.4  90029 OF COURT  810-130 = 100)  FRED  12 4  12 5  12 7  12 7  13 8  14 8  15 9  16 9  16 9  17 9  18 9  18 9  18 9	ME O MATERI	20 USED BY	FARHERS. 90 E 106 E 106 E 106 E 106 E 107 E 108 E	211 3 1913-1952 183,2 63,5 68,4 68,7 68,6 68,6 68,6 68,6 68,6 68,6 68,6
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T	227 9  21 WIGHTEN CAN  MACHINEN  22,  24,  25,  26,  27,  28,  29,  20,  20,  20,  21,  21,  21,  22,  33,  24,  25,  27,  27,  28,  29,  20,  20,  20,  20,  20,  20,  20	EDULDONG  MATERIALS  62 5  73 6  90 0  164 4  162 4  163 6  163 6  163 7  164 7  164 7  164 7  165 8	SE ALL MEDIES OF SE	2 5.4  SOCES OF COURT BIS-1309 = 180)  FEED  FEE	HE O HIDET AND MATTERS FERTILIZER	214050 BY 214050 BY 324050 BY 324050 BY 325, 325, 326, 326, 326, 326, 326, 326, 326, 326	FARMERS.  90 E 106	211 3 HASEPA A 63,5 63,5 63,6 77,2 9,1 100 8 101 2 102 5 102 5 102 6 103 7 100 5
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7	227 9  21 WESTERN CAS  MACHINETY  55 1  52 2  55 2  52 8  53 6  54 6  55 7  56 7  57 8  58 8  58 6  58 6  58 7  59 7  50 7  50 7  50 8  50	20 ACA SPOUP INSE MILITIDING MATERIALS 62 5 73 6 96 0 196 4 192 4 192 4 193 6 193 5 193 5 194 7 195 8 196 9 196 9	SE S  CX NUMBERS OF S  GHOUSE OR. CREWS  OR. CREWSE  TH S  SE S  S	2 5.4  Shocks of Coupers  Bi6-1509 = Bi8)  FEED  22 4  102 7  103 7  105 9  105 0  106 2  107 1  10 1	HE O HATES  FENTLEER	25.000 BY 25.000	FARMERS.  86ED  9° 6  08.8  138.1  128.4  130.2  128.6  140.6  140.6  150.7  150.6  150.7  150.6  150.7  150.6	211 3 1913-1962 183,2 63,5 63,6 77,2 77,2 77,2 77,2 162,6 163,6 162,6 162,6 162,6 163,6 162,6 163,6 16
#	227 9 21 WESTESH CAN 21 WESTESH CAN 32 12 12 12 12 12 12 12 12 12 12 12 12 12	#2A SPOUP 1H66 #ESTLIDING MATERIALS #2 5 73 6 73 1 80 0 103 8 103 8 103 8 103 8 103 8 103 8 103 8 104 8 105	25. 1  CX HUMBRES OF 6  GHSOLINE OIL GRENSE  18 6  18 6  18 7  18 1  18 1  18 1  18 1  18 1  18 1  18 1	2 5.4  Sycial or course  816-1909 = 180)  FRED  92 4  102 5  102 7  103 7  103 7  103 7  104 7  105	PERFLORM PERFLORM	21NDDR 7984C 250,3 100,3	FARHERS.  56ED  9° 5  96 8  106 8  109 2  109 6  109 6  101 10  109 6  109 7  109 7  1	211 3 1953-1962 HASENA A 83, 2 65, 2 68, 4 77, 2 80, 9 102, 8 109, 5 112, 6 100, 5 112, 6 100, 6 100, 6 100, 6 100, 7 100, 8 100, 8
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T / AA 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	227 9 21 WICHTEN CAN MACHINEY 21 12 12 12 12 12 12 12 12 12 12 12 12 1	2 ACA (MOUP 1466 MILLIONG MATERIALS 17) 6 77 5 77 6 79 9 2 192 4 152 4 152 4 152 5 156 5 157 158 7 158	25. 1  CX MUMBERS OF 8  GMSQUINT GB. GMCMST  TH 6  35. 6  35. 7  25. 7  25. 7  26. 8  26. 9  27. 10  28. 9  29. 9  20. 9	1 2.4  10.02 OF COUNTY    10.10 = 10.10 = 10.1  FEED  10.2 S  10.2 S  10.3 S  10.3 S  10.4 S  10.5 S	WIDET AND MATERS  FENTSLICER	200 00 00 00 00 00 00 00 00 00 00 00 00	FARMERS.  6CED 9° 5 96 5 106 8 130-12 120-6 107 130-6 100-6 107 130-6 10	E1 9  HAREM A 962  HAREM A 962  65.2  65.2  77.7  86.4  77.7  86.6  107.6  108.6  109.
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T. AR THE SET SEEDS SHEET AND SHEET	227 9 21 MCGTERM CAS  MACHINETY  22 22 22 22 22 22 22 22 22 22 22 22 22	# MULLIPAND MOTERNAL PROPERTY TO THE PROPERTY	25. E CX MANAGERS OF 6 G G G G G G G G G G G G G G G G G G	1 5.4  10.000 OF COMMISSION OF	#80 0 MATES NOT AND MATES NOT AND MATES NOT A 18 0 MATES	20x000X TWHAT 20x000X TWHAT 20x1 1 20x1 1 20	FARMERS.  55ED  9° E  90 E  10h E  10	E11 3 1953-1962 HAREMAN AND 1553-1553-1553-1553-1553-1553-1553-1553
T	227 9 23. WICHTON CAN MACHINET 24. 1 25. 1 26. 1 26. 1 26. 1 26. 1 27. 1 28. 1 28. 1 29. 1	2 ACA GROUP INSIS	25. E ALMARIES OF 8 GASOLINE OR. GASOLINE OR	1 5.4  50.03 OF COUNTY  MILL-103 = 100  10 4 10 10 2 7  10 7 10 7  10 7 10 7  10 8 10 8	VENTLAGEN  VENTLAGEN  1034 4  1034 9  1034 9  1034 9  1034 9  1034 9  103 9  104 9  105 9  10	200.00 BY TWOCK BY TWO CO. 1 C	#ARHERE.  ### E	213 3 1443299.4 1993 153.2 65.2 153.2 65.4 172.2 66.4 172.2 6
T . A C T is a spirit to the s	127 9  27 WICHTSHICK CAN  MACHESTY  14. 1  14. 1  14. 1  15. 1  16. 1  1	2 ACA GROUP IMBE MILLIONE MATERIALS 61 S 7 S 7 7 S 6 S 7 S 6 S 7 S 6 S 7 S 6 S 7 S 6 S 7 S 6 S 7 S 6 S 7 S 6 S 7 S 6 S 7 S 6 S 7 S 6 S 7 S 6 S 7 S 6 S 7 S 6 S 7 S 7	25. E CX MANAGERS OF 6 G G G G G G G G G G G G G G G G G G	1 5.4  5.00 or course  FIND  10.4  10.0  10.4  10.0  10.4  10.0  10.5  1	#ER**LCEP  #ER**LCEP	#25. WEED BY #25. WE #	FARMERS.  55CED  96 E  98 E  13h E  1	E1 3 1 1503-1902 HARRISTON A 1503-1503-1503-1503-1503-1503-1503-1503-
A 3 sea a a cross sea de la cr	22" 9 22" WICHTCHN CAN  MACHERY  10: 20: 20: 20: 20: 20: 20: 20: 20: 20: 2	# ACA GROUP INSEE # 1811.0390  MATERIALS # 17 9  77 9  77 9  77 9  77 9  78 162 # 16	CX MANAGEMENT OF G GASOLINE OB. GASOLINE DE GENERAL SES	1 1.4  10.023 OF COUNTY  10.01-10.39 E [2]  FEXED  10.2 1  10.2 1  10.2 1  10.3 1  10.3 1  10.3 1  10.4 1  10.5 1  10.	#80 0 MATES  #ER**_CER	200.0000000000000000000000000000000000	FARMERS.  SEED  9° E  108 E  138 2 E  138 2 E  139 6  139 7  139	E11 3  HASEMA A  1513-1902  HASEMA A  151,2  152,3  163,2  153,2  163,2
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T. AR CHARLEST SERVICE MANAGEMENT AND	MACHINET   12. RESTRICT CASE  MACHINET   13. RESTRICT CASE  14. RESTRICT CASE  15. RESTRICT CASE  16. RESTRI	2 ACA GROUP IMBE MILLIONE MATERIALS 61 S 73 F 73	25. I MANAGERS OF # 60. GASCART GB. GASCAR	15.4  15.4	FERTLAGE  FERTLAGE  FERTLAGE  1004  1007	200.000 87 VS 20 000 87 VS 20 0	FARMERS.  50 ED  90 E S  100 E	E11 9  1913-1902  HAREMAN S. 1  1913-1712  1
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T. A. 3.4.8.6.17.8.8.00.18	MODRAGE   10   10   10   10   10   10   10   1	# CALL CARD THE SECOND	24.1  X MANUSCRE OF # G G G G G G G G G G G G G G G G G G	1 1.4  TOTAL OF COMPANY  STATE OF COMPANY  TOTAL	#8.0 MATERIA AND M	453. 4550 BY 1  STHORT    STHORT    TWING    10, 1	5CED 7 6 5CE	F1 3  150-100  HARDMAN PAR
	127 8 WESTERN CAN PROPERTY   12	# CALLESTON THOSE SERVICES AND T	24. I	1 0.4 Coulomb   1 0.0 Coulomb   1 0.4 Coulomb   1 0.0 Coulomb	48.0 Mar 100 M	20.00 BY 196.00	5CED F G G G G G G G G G G G G G G G G G G	F11 3  1-ASEPA - 1962  1-ASEPA
	MODRAGE   10   10   10   10   10   10   10   1	# CALL CARD THE SECOND	24.1  X MANUSCRE OF # G G G G G G G G G G G G G G G G G G	1 1.4  TOTAL OF COMPANY  STATE OF COMPANY  TOTAL	#8.0 MATERIA AND M	453. 4550 BY 1  STHORT    STHORT    TWING    10, 1	5CED 7 6 5CE	F1 3  150-100  HARDMAN PAR





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TOTAL

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YEAR

WESTERN CARROL

YEAR	FIELD	ASSISTAL	YOTAL	F3KLD	ANTHAL	"OTAL	FIELD	ANTHA.	TOTAL
1926	185.9	31 4	47.7	42.4	27.9	161 C	198.5	90.2	544 4
1927	852 7	27.9	36	147.6	27 7	141 2	149.4	127 8	138.4
1505	131 4	25 5	5e 8	135.8	4 6	122 7	154.3	195.2	136.3
1320	k2e 5	62.4	40.9	137.5	45, 6	161 3	137. 2	144 4	540 6
1120	E26. G	+35 7	129.4	95.6	26.6	108-3	175.8	(0) 3	119.5
<b>953</b> 1	76.4	50.3	68.4	38.4	9 5	65.7	95.2	92.7	78.9
P932	50 d	3 2	26.3	38.4	10,2	50 G	40.4	70.5	65.7
1577	42.1	30,	74.3	62 6	67 5	84.2	49.3	40 2	63 2
1934	59, 1	\$7. dt	60.2	26.2	30 E	78.2	30.9	86.5	63 5
P935	65.6	16.5	91 8	25.2	10 2	26 7	84.4	94.1	89.3
1116	0.5	34.4	99.6	96.3	1.39	96.2	100 1	91.7	97.9
1937	2.6	105, 6	108.0	26.3	105.3	25 F	120 5	106 0	7.6
P536	90 7	184, "	100.	125 9	925 1	25.6	130 1	904 E	25 9
1939	45.7	100 5	90.0	78.0	825.2	86.3	25 3	101 5	54 6
1940	54.6	105.8	102.1	80.9	R25. S	90.0	95.4	806 7	96.1
¥961	ren b	127,4	115.7	62.3	827 ž	E 5	60.5	E24 A	16.5
196.	136,2	141.8	140.0	26.5	150 E	4.5	99.7	166.6	27.1
-942	49.6	157 3	154.8	18 5	170 5	35.	*59.0	981 5	45.4
945	145.0	181 1	136.1	45.9	176.3	154,6	24 5	966. 1	15.3
945	64. 9	165.1	163 7	63.3	190.7	E9. 0	65.3	120.5	66 +
947	158, 6	JTE. T	71.0	54.5	190 5	187.9	77 3	191	79.5
242	169.6		-86.2	96.3	252 >	198.	84.1	200 a	97.2
242	24 E 196.5	253 5	229 %	15.5	256.2	204 6	230 4	261 7	282 1
1550	196.5	252 0	832 I	20 4	281.2	225	51.3	245 4	22% T
	208.4		226.2	94.5	2:7.5	233	21.7	261 4	538
	291 0	251	290. 4 255. 2	125.6	397 7	256, 8 325, 6	236 K	234 9	265.4
dence of	erio ateres designates de la casa	Marie II India				10 7741.			
Ageres-	SULDING MATERIA	, mage mees						NAGE BAYES ING	
Ageres-	END MERTER OF THE SECOND SECON	, PRIÇE NOST	ES CAMAGA	125-1952			owstrauction i	NAGE RAYES ING	
Apren- ents to Tax : 127	BUILDING MAYERYS	MANUEL PROPERTY NAMED IN THE PARTY NAMED IN THE PAR	ES CAMAGA RESIDEN	125-1952	v 1.01. 21. 2100.78	% 18 O	CANADA 97 CANADA 97	KAGE RATES ING 5-155) 186	ю
Marrow Page 122	END MERTER OF THE SECOND SECON	MANUEL PROPERTY NAMED IN THE PARTY NAMED IN THE PAR	ES CAMAGA	125-1952	v nam un program	% 18 O	OMSTRUCTION V	NAGE RAYES ING	ex.
Apren- ents to Tax : 127	BUILDING MAYERYS	MANUEL PROPERTY NAMED IN THE PARTY NAMED IN THE PAR	ES CAMAGA RESIDEN	125-1952 TIAL TERMILS		%- 18 0 W	CANADA 97 CANADA 97	KAGE RATES ING 5-155) 186	ex.
Marrow Page 122	MON-RESIDE BATERINE	MANUEL PROPERTY NAMED IN THE PARTY NAMED IN THE PAR	ES CANAGA RESIDEN BUILDING MI	125-4952 TIAL CTERUSLIS		%- 178 O	OMSTRUCTION 1 CANADA 93 986 39	NAGE RATES ING 5-1553 180- WAGE PAYE	ex.
**************************************	BULDING MATERIAL BURDING MATERIAL MON-RESIDE BURDING MATERIAL BURDING MATE	MANUEL PROPERTY NAMED IN THE PARTY NAMED IN THE PAR	RESIDEN RESIDEN BUILDING MA 40.6 42.6 45.1	175-1952 TIAL CTORULS	V SERVE ON ARREST	% 178 O	OMSTRUCTION 1 CANADA 93 910-39 AR 1925 1935	MAGE RATES ING 5-(83) ING- MAGE PAYE 56 3 50 3	ex.
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**************************************	HULDING MATERIA HUMBING MATERIA HOM-RESIDE HULDING MAT 38.0 63.0 63.0 64.4	MANUEL PROPERTY NAMED IN THE PARTY NAMED IN THE PAR	RESIDEN BULLDING MI 42 6 45 1 45 1	135-1952 TIAL STERVALS		% 178 O	OMESTRUCTION 1 CANADA 92 - 986 39 AR H935 H937 H937 H937	MAGE RAYES ING 5-(53) 190- MAGE #AYE 56-3 100 100 5	ex.
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VEAR 1935 1937 1938 1939 1940	BUILDING MATERIA NON-RECIDED BUILDING MATERIA 90.2 00.2 00.2 00.2 00.2 00.2 00.2 00.2 00.2	MANUEL PROPERTY NAMED IN THE PARTY NAMED IN THE PAR	RISSIEN RISSIE	125-1952 TIAC. STIDUALS		% 178 O	OHSTRUCTION 1 CANADA 42 1916-39 AR 1905 HISS 1927 1928 509	WAGE PATES ING 3-1533 RIG- WAGE PATE 95 3 100 100 5 100 5	ex.
**************************************	FILE REFERENCE OF THE STATE OF	MANUEL PROPERTY NAMED IN THE PARTY NAMED IN THE PAR	RESIDENT RESIDENT BULLBING MA 45.1 45.1 44.1 44.1	139-1953 19A <sub>C</sub> STEELALS	V 1.00 ST, 8900-78	% 178 O	OMBREAD TO THE T	WAGE PATES ING 3-153 190- WAGE PATE 56 3 100 100 5 100 5 100 5 100 5	ex.
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AST (100 A) TO A (	WILL DISC MATERIA ST.  SULL DISC MATERIA  MAN-SCENE  SULL DISC MATERIA  MAN-SCENE  SULL DISC MATERIA  SULL DISC MATERIA  SULL DISC MATERIA  SULL  SULL DISC MATERIA  SULL  SULL DISC MATERIA  SULL  SULL  SULL DISC MATERIA  SULL  SULL DISC MATERIA  SULL  SULL DISC MATERIA  SULL DIS	MANUEL PROPERTY NAMED IN THE PARTY NAMED IN THE PAR	RESIDENT PROPERTY OF THE PROPE	125-1952 TIAL, STEELALS	V AND ST. 6400-74	2-19 0	OMS37LJGT IOM II  GANAGA 82  196 39  ARE 1905  HOS 1909  500  500  907  907  907	NASC RATES ING 5-1533 NASC PAYE 96 2 96 2 90 2 100 100 5 100 5 100 2 100 5 100 2 100 5 100 5 100 5 100 5	ex.
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TOP AIRCRAFT INSTRUMENT REPAR LOWER PIPELINE CONTROL PANEL

VITAL STATISTICS

Registration of all live burshs, attilibirths, marriages, annulments, divorces and deaths, with course of death, are required by less in A.barto. The privacy prospec of viral solatistic single-latine at to protect the legal rights of individuals by providing documentary proof of those events, in addition, such shaft state point and the original register of original values pounds health end of other produces easily, indicate little along which had not often a produce seatily, indicate little along which had the other produces easily, indicate little along which had the other produces and all, indicate little along which called the other produces and all, indicate little along which called the other produces and all, indicate little along which called the other produces and all, indicate little along which called the other produces and all indicates the other produces and along the other produces and along the other produces are along the other produces and along the other produces are along the other produces and along the other produces are along the other produces and the other produces are along the other produces and the other produces are along the other produces are along the other produces and the other produces are along the other produ

In scale "Vital Staffairs, Alberta, Popusation, Births, Manriages, Deaths on bates for he Your 1970-1973" whose code birth, mortings and extens tests. White is year to year compress of route network of the property of the

In 1920, jet often the end of a prospersor way, Aberthy birth circle standed at \$4 per 1,000 payer latton. The nead \$9 per 1,000 payer latton. The nead \$9 per 1,000 payer latton. The nead \$9 per 1,000 payer latton was a second of the per 1,000 per 1,000 payer latton was a second per 1,000 payer latton by the per 1,000 payer latton by

Since 1920, the crude death rate in Alberta has rever been chove 10 per 1,000 oppulation. Since 1920, the rate has been celeve 9 per 1,000 outing the Vyue prior of 195°-1953, the death rate has re-mained below 8 per 1,000 oppulation. In the year 1951, Alberta setted rate was lower them that of on other province in Conode and lower them that of eny country in the world for which occupits records are ovaliable, except the Netherlands. Alberta has naintenied a low death rate despite in increasing event of cell people of the following table in the surpression of all people in the following table in those surveys age of the following table in those surveys age of the following table in the surveys age of the surveys and the surveys age of the surveys and the surveys age of the surveys and the surveys are surveys and surveys and the surveys and the surveys are surveys and the surveys and the surveys are surveys and surveys are surveys and the surveys are surveys and surveys are surveys are surveys and surveys are surveys and surveys are surveys are surveys and surveys are surveys are surveys and surveys a

Median age (years)	1921 23.5	1931 24 0	1941 26.3	1951 27.2
Percentage 65 years of age and over (%)	2.3	3.5	5.2	7,1
Death rate per 1,000 population	8.4	7.2	8.0	7.6

During the years 1942 and 1943, there were these triese or involved that an Alberta. The netro of birth's to deathy increased over the next decade, in 1952 and 1953, for triess or snoyly birth as deviced the second of the tea Canadian provinces, only Newfoundland had a higher ratio in 1952 and 1953. For this first seven remarks of 1954. As bartis' ratio of births to deaths was

The steady and striking declines in both the infantile death rate (death rate of those under one year of age) and the maternal death rate are causes for satisfaction.

Infantile death rate per 1,000 live b rths 124 l		1932 58 7	1942 38.0	1952 30 2
Maternal death rate per 1,000 are births . 8 3	3 6.9	3.8	2.3	0,5

A change in lobel population results from both natural increase (or decrease) and innelgration (or engaginate). In 23, the rate of notation increase (pin five time, seek which the global in the highest part of the province, 22.3, part 1,000 population. On the group "fair", best on or Morridge Rates per 1,000 Propulation, Juliuse, 126:17-1252, changes on calciuse of between the brinks and the debth rate of the contract of the province of the contract of the province of the provin

The following table shows the median age at death (age below which half of all deaths occur) and

N-idearoom

### median age of residents of Alberta, by sexes, for the years 1931, 1941 and 1951:

#### MEDIAN AGE AT DEATH & MEDIAN AGES, ALBERTA, 1931, 1941, 1951

	Male Years	-	Female Years	Male Years	-	Female Years
1931	45.3	*******	38.7	26.0		21.8
1941	58.9		56.9	28,1		24.6
1951	65.0		66.1	28.1		26.2

A first games it night opporr that great mixels but been reade in increasing life poin in Alberte in heard 2019 to 1901. While part of the increase in he medion age of defen in one derifficated for the part of 2019 to 1901. While part of the increase in the medion age of defen in one derifficated carefuller (section for the part, more of the peace of Alberte were niet very young ord on the everage the severe were cond deathly younger from the name, in 1911, for example, half of the mellar population was under 25 years of age of 2019 2.5 the finally population was under 25 years of age of 2019 2.5 the finally population was under 25 years of age of 2019 2.5 the finally population was under 25 years of age of 2019 2.5 the finally population was under 25 years of age of 2019 2.5 the finally population was under 25 years of age of 2019 2.5 the finally population was under 25 years of age of 2019 2.5 the finally population was under 25 years of 25 years of

#### PERCENTAGES OF BRIDES AND BRIDEGROOMS MARRIED AT LESS THAN SPECIFIED AGES ALBERTA, 1931, 1941, 1951

Balaia

		Percentage Under			rcentage Unde	or n
1931	20 yrs 27.9	25 yrs. 72.0	30 yrs. 87.8	20 yrs. 1.9	25 ym. 34 B	30 yrs. 67.4
1941	22.9	68.5	87.7	1.6	36.3	68.9
1951	27 0	71.1	85.8	2.0	AT A	74 R

The above totale gives a rough indication of the trend in age at manriage of both near and women in Alberta, and contrasting operating of brids and horisporous. In 1915, 129, per care in oil bridses and 3 9 per cent of oil grooss were under 20 years of age, the corresponding figures for Canada were under 20 years of age, the corresponding figures for Canada were the second of the period of the contrast of the c

In Canada at a who a "n 1931, life expectancy or birth was 60.0 years for males and 62.1 years for famales. by 1931, life expectancy or birth hos mass to 63.2 years for males and 70.8 years for famales. However, at age 1 years a male child may expect to live an additional 88.3 years and a female child are additional 72.3 years. Longwirth in the period 1931 to 1931 insperved for both seasob at more so for females, and at all eight, whereas there was only a slight exprevement for males beyond middle life as the following balls shows:

## LIFE EXPECTANCY FOR PARTICULAR AGES, BY SEX, CANADA, 1937 and 1941

In Yegza	Males		Females
		1951 1931	
0	Years 60.0	Years Years 66.3 62.1	Years 70.8
20,	49,1	50.8 49.8	54.4
40,,	32.0	32.5 33.0	35.6
60,	16 3	16.5 17.2	18.6
80	5 6	5 8 5.9	6,4

1937 776 000 15 903 20.5 6,345 6.2 6,261 8 1 62.3 4.8

1954

1930 786,000 15 475

1940 780,000 17 359

1941 796, 000 17, 308 21.7 8.470 10 6 6.395

1942 776 000

1943 765.000 19, 290 28 6

1944 808.000 19, 372 24.0 7 299 9.0 6.316 7 8 25.9 1 6 16 2

1945 808 000 18 939 24 7 7 310 90 5,454

1946

1247 825,000

1948 854 600 24,075 25.2 5, 544 10.4 6.967 8.2 38.6 1 2 20.0

1949 885,000 24,985 28.2

1950 913,000

1951 939,000 27,003 8.45 9, 205 9,9 2 167

1952 970,000 29, 105 30.0 3,514 2.8 7 345

781 000 -5. 891

803,000 22, 184 27 6

1,002,000 31,346

24, 631

25, 625 26.1

· SECURITY OF STILLBUREN - THE H. HERY

20.3

23. 6 9 034

29 9 5,797 10.7 4, 543 7.9 37 1 0.9 22 0 3.6

7 810

8,792

9,478

9, 29

10, 116 15,1 7, 805 7 8

**POPULATION** 

þ,

OF PERSON

1905		421		197		114					
1906	185.000	3,003	16, 2	927	5.0	1,091	5,9	90.0		10.3	2.8
1907	236,000	4,732	20 1	1,907	8.1	1 578	6.7	100.2	6.3	13.4	3.0
1908	264 000	5.973	22. 5	2. 832	7.6	2,188	8.2	126 6	6.0	14 3	2.7
1929	301,000	6,897	22. 9	2.384	7.9	2,662	8.8			14,1	2.6
1910	335,000	8.321	24.8	3,056	9.2	3,526	10.5	128.5	5.6	14.3	2,4
1911	374.000	8,813	23.6	3,630	9,7	3,618	9.7	134 5	9.8	13,9	2.4
1912	400 000	10,284	25.7	4 429	11.1	4,232	15, 6	124 B	0,3	15, 1	2,4
1913	429.500	11,871	27 7	5,053	E1 B	4,432	10.3	120 \$	7.1	17.4	2.7
1914	458,000	13,685	29. 8	4,623	10.1	4,417	9.6	100.5	6.1	20.2	3,1
1915	480,000	13 452	28.0	4 202	8,0	3,588	7.5	87.9	5, 6	20 5	3.7
1916	496,000	13,331	26. 9	4,230	8.5	4,056	8.2	90.5	7.2	18.7	3 3
1917	508,000	13. 576	26.7	4 270	8.4	4,047	8.0	87.3	8.5	18.7	3.4
1915	\$22 000	14,890	28,5	4.046	7.6	7 924	15.2	107 1	5, 5	13.3	1.9
1919	541,000	14, 120	26, 1	4,718	8.7	3, 507	10.2	130.3	6.4	15.9	2.6
1920	565.000	16. 565	29.3	3,110	9.0	8,675	10.0	93 7	6.3	19.3	2.9
1221	588 000	16, 551	28.2	4.651	7.8	4 940	5.4	34.0	6.7	19.6	3 4
1922	592.000	16. 163	27 3	4,272	7 2	8,264	8.9	91 3	6.9	18.4	3 1
1923	593,000	15,065	25 4	4,117	6.9	5,008	8.4	94. 2	5. 6	17 0	3 0
1924	397,000	14 597	24 3	4,159	7.0	4 658	8.1	84 1	6.2	16.4	3.0
1925	805 000	14. 934	24.8	4 355	7 2	4,697	7.8	75.4	5.6	17 0	3 2
1925	608,000	14, 456	23.8	4,500	7.4	5,139	8.5	65 3	5.9	15.3	2.8
1927	833.000	14 897	23. 3	4 707	7.4	5,059	8.0	74.5	5,4	15.5	2.9
1928	658.000	15.692	23 8	5.776	8.6	5,699	5.7	76. 5	6.8	15 1	2 8
1929	684 600	16,924	24.7	6,004	6.8	6.235	9.1	77 4	7.3	15 8	2 7
1950	708,900	17 649	24 9	5.334	7.5	5,498	7.5	63. 6	5, 8	17 1	3,2
1931	722, 909	17 252	23.6	3, 142	7.0	5,392	7.2	68.4	5.0	16.4	3.3
1931	740 000	16 990	23.0	3,142 3,05é	5.5	5,521	7.5	58.7	3.6	15.4	1.1
1902	750,000	16,123	21.5	5,389	7.2	3,345	7 1	59.9	4.5	14.4	3.0
1934	758,000	16, 236	21.4	6,053	6.0	5.327	7 0	54.1	5.0	14 4	3.0
1938	765,000	16, 183	21 2	6 010	7.2	5, 729	73	57 8	6.3	13.7	2.8
1900	768,000	10, 103	21 2	6 010	/ *	3, 729	/ 5	37 0	4.3	13. 7	2 0
1934	773 000	15, 786	20.4	6,000	7.6	6,147	6.0	59.5	8.6	12 4	2.6

5, 871 7.5 51 1

5,789

6,200 7 9 48.0 4.0 14, 1 2 8

5.091

6 524

6 601

8 856

46 2

50.8

38 0

41 2 2.6 16.7

42.6

32.4

32. 9 0.6

30 4

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15 25. 2 3 5

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10.2 7 083

10.2

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2, 8

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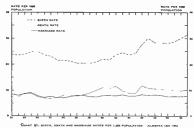
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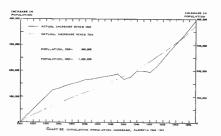
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#### Table 130 - RATIO OF MALE TO FEMALE BIRTHS - ALBERTA, 1985-1951

YEAR	OF 1 DR	BERTHS MALES 0 1,000 THS OF MALES	YEAR		BIRTHS OF MALES TO 1 000 BIRTHS OF FEMALES
1909		1,059	1829		1,042
1906		1,094			1,027
1907		1,073			1,075
1995		1,077			1 052
1992		1,086			1,053
1910		1,065	1934		1,032
1911		1, 405	1933		1,055
1912		1,084			1,649
1913		1 053			
1914		1,085	1938		1,046
1915		1,000			1,046
1916		1,063	1940		1,033
1217		1 061	1981		1,054
1916		1.059	1942		1,058
1919		1.074			
1920		1.015	1966		1 060
1921		1.055	1985		1 061
1922		1,834	1945		
1923		1,072	1947	II IIIII L AIII	
1924		1.035			
1925		1.036			
1926		1.053	1950		1,052
1927		1.065	1951		1 039
1928		1,064			

1925				1,036	1949				1,05
1925				1,053	1950				1,05
1927			_	1,065	1951				1 03
1928			20- 100	1,064					
		TABLE 131	DIVORCES	AND DIVORCE RAT	ES - CAN	ADA AND	ALBERTA	1901  983	
YEAR	CANADA	ALBERTA		RATE OF	YEAR	CANADA	ALBERTA	PER CENT	RATE C
			OF TOTAL	DIVORCES				OF TOTAL	DIVORCI
			CANADA	PER				CAHADA	PI
				100.000					100.6
				POPULATION					POPULATION TO SERVICE A PROPULATION OF THE PROPULAT
	NO.	NO.	%	ALBERTA		NO.	NO.	.95	ALBER
1901	19				1928	785	173	22.04	26
1902	15				1929	216	147	16,01	25.
1903	21				1950	875	151	17,25	21.
1994	19				1931	684	157	22,95	15
1905	35				1952	667	150	16,91	20.
1906	37				1993	923	13-9	14 95	1.8
1907	85				1934	1 106	170	15 37	22
1906	30				-935	1 376	225	16 35	29
1909	.51		1,90	0.3	1936	1,586	216	14,29	28,
1910	51				1957	1 870	259	13 85	33.
1911	57	2	3 51	0.5	1938	1,885	271	14,36	34,
1912	75	2	5,71	0.5	1939	2.022	372	18,45	24.
1913	39	4	6.78	0.9	1940	2, 369	274	11 57	34.
1914	70	4	5.71	0.9	1941	2, 461	311	12.64	39.
1915	53	3	5 66	0.6	1942	3,089	373	12.14	48
1916	67	3	5 49	0.2	1943	3, 269	413	12.66	52
1917	34	2	3,70	0,4	1944	3,788	494	12, 75	59.
1918	90	2	2.22	0.4	1981	5,076	575	11 33	59.
1919	376	36	2 57	6.7	1945	7 554	962	12 73	119
1920	429	112	28.11	19.0	1947	7.942	881	11 09	107
1921	546	59	16.24	15 1	1946	6 861	651	9 46	76.
1922	344	129	23,71	21 2	1969	5.934	594	10.01	67.
1923	505	88	17 43	14.0	1990	5, 373	534	9.94	54.
1924	543	118	21 73	19.8	1931	5, 263	589	11 19	62
1923	551	101	18 33	16.8	1952	5, 634	650	11 18	64
1926	608	154	25.33	25.2	1953	6.055	603	9.96	60
1927	748	148	19.79	23.4			***		

"Lindboulding of PEEFINAT MINISTRUCTURE TOWN FOR STYNING AND TO BEODELIN TYPHOSE FILES OFOLIDA MINISTRUCTURE AND STREET MINISTRUCTURE AND STREET MINISTRUCTURE MINI	770006CA., DOPS	P H H	92 20 22 41 41 41	ARTERIOROLUMNIC AN HEART DISEASE DINKE DISEASE DINKE DISEASE WITH IN MUTER REVISION MUTEON SPALISHEN MUDICIPE MUDICIPE MUDICIPE MUDICIPE AMPRICIPE AMPRICIPE	EART DISEASE. OF HEATT DISEASE	750 126 210 87 87 88 18	182.5 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0
SYPHILES AND TES BECKELLES TYPHOSE FELSE OFFICIAL SYSTEMSTER* ALL FIGHTS SHARLEY FELSE THEOLY SPETITIONS SPETI	* ****************************	,	11	OTHER DECIDES OF HE SHIPE PERSONS WITHOUT SHIPE PERSONS WITHOUT SHIPE PERSONS WITHOUT SHIPE PERSONS AS SECURITY OF EXPONENTS OF EXPONENTS AS	RAPT DISEASE. IT MENTION OF HEART	210 87 47 286 -0	40
PYPHOSE FEIRN  ORIGINA  ORIGINAL  OR	PP0605CA., DOPS	,	11	INVESTIGATION WITH IN MINISTRATION WITHOUT INFLICTURE PRODUCTO SACRETO TETRINON N	RAPT DISEASE. IT MENTION OF HEART	210 87 47 286 -0	2 6 6 7 4 4 20.7 7 7
ORLEGA SYSENIERY ALL FORMS SHARLEY MEMBER AND SINCE THERAPY SHARLESA SHARLESA SHARLESA MEMBERSA MEMBERSA SHARLE			11	MATERIAL MAT	IT MENTEDS OF HEART	47 286 18	4 4 30.7 4 9
MYSERTERY ALL PORMS SHARLEY YÖVÜR AND STREET THEFDAY SHOTSTELLA MYSOOFTING COMMIN MELINHOOCODELA, MYSERTONIS MAAGUE MAAGU			4 t	MANUFACE MANUFACE BROKENTS ULCOT OF ETERNON A		296	20.7
HARLEY YEVER AND STREET THEORY PHOTOLIA HISTORING CORNE HERMOCOCICAL INVECTIONS NAGINE			4 t	MICHINIA BACKS ITS ULCOT OF STOMON AS	но газооблан	296	< 9
Melokr primiticki misorimo operan misoripopoliki, serilichtert Mikagal			1.1	BACKS OF STOMACH AS	но горофиям	-18	< 9
MPHTHECELA MISSORMIA COURM MISSORGOODECAL INVIDENTANT MLAGUE			1.1		но глоофиям	45	4.6
Material County Material County MLAGUE			4.4				
егинорорады, пеластан Кыруы	•					85	
NACHE .				INTERPRISE DESTRUCT	200 440 000004		
				GATTAGE DATES			
COVIC POLISMETATES		79	4.5	GOLITA CHESPT SHAR	PHOSE OF THE MEN-	79	
Setu., POR				CREMOSES OF LINER		29	
MEASURE .			0.7	NOTHER AND METHOR	cein	24	2.6
TYPHUS AND STYRES RICHETT	THE DISCHOOLS			HARDING A OF MICE	PERM	50	5.5
MILANIA.		-		COMPLICATION OF RE	Simular Disc		
NA OTHER DIBEASTS CLASS DIFECTIVE AND PARASE	EXPED NO		2.5	COMMENTAL PAGEORS	KTIDES	м	15.9
MAJENNYT NEOPLASNO INC	DU19046			BHYN MURKES, PORT AND ATRUST AND	NATES ASSESSED.	*	
MEMATOPOLETIC THEMES		970	10.5	BRECTIONS OF THE RE	Caudius	34	1.1
висерный якс апримую мосей боставые несерва	M. CHRENCE	943	100.4	OTHER BUILDING FECT.	ADD TO BOLY	- 011	24.7
этлэсэн сүнлөөр		- 0		SENSON WORLD NO			
DUFFICH AND ALBOMOUS	IA.	94	6.4	S.ADEPINED AND UND	HOME CAUSES	129	4.5
MERCEN AND ENGINEERING N	EGFLASMS.	100	**	ALL STHES DISCHESS		279	56.6
SAMETER MELLITUR		166	to 7	MODBE VEHICLE ASSOC	87708	96	10 I
NONE STATE OF THE PARTY OF THE		94		ALL STREET ACCORDERS		395	40.3
HACLERY LESIONS APPECT	THE CENTRAL			support was 65LP 64	SUCTED HUNRY	94	9.7
				KONCOSE AND OFERSE	toks or war		6.7
	ime		-				
							197 1
MEDIANTIC FENSIR CHICAGO PHILIPARTIC HEART THAN TO RECEIVE 20	DYSKABK	ungervess are	AGE COOLINS	ALL CASINGS	AZE COCLAPS OF BRIDE	1.34d 10800H N	10 8
ASE GROUPS	MALE.	POWLS.	705%	ACE GROWS	вирожном		MO
YEAR)	SIO NO	10. 236	HE	19000 T	20.		646
4	-		198		315		
2 1	76 78	20		8 2	200 800		1 657
	7	ä	199	8 7	40		572
75 29	48	36	46	A 20	701		314
80 M	86	45	196	30 1 31 - 30	561		297
FD 19							

		RESIDENTS OF	AUBORTA SE			ALSEATA 1951	
ME G	ROUPS MEI	MALE Set	FEMILE. 10.	TOEN.	ACE GROUPS TYPICS	BASSESSM MIX.	MO MO
<b>WOO</b>		30"	236	-	191009911	10	644
		58	.44				
20 E							
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0 4				89	39 H		
		177	-96	467	ac ac		
				796			
				261			58 22
			4		N N		.,
							2"
NOT IS	TATED						



TOP CITY OF CAMPOSE

LOWER VELLAGE OF STANDARD

MISCELLANEOUS STATISTICS THE 135. —
THE STATE OF EMPORTS AND INFORTS AND IMPORTS CLEARED AT CUSTOMS PORTS
ALBERTA, 1889 — 1885

			ALBERIA	. 1909	1902		
	0.0	ALGARY				COUTTS	
			DUTY				DUTY
YEAR	EXPORTS	IMPORTS	COLLECTED	YEAR	EXPORTS	IMPORTS	COLLECTED
	5	5	\$		\$	\$	\$
1939		8, 225, 806	1,043 409	1939	187, 566	2,172 166	205 719
1945	5. 684	7,892,890	1,007 880	1940	363, 871	2, 820, 141	187 568
1941	9,110	13 195,572	1,589,950	1941	1,226 389	2,593.032	194 205
1942	12, 845	14,037,150	1,260.952	1942	3,565 727	4 153 174	156 239
1943	18, 235	11 680.384	977 361	1943	3 769.746	4,183 265	197 705
1944	24, 156	13,055,105	1 089, 909	1944	13,657 168	4 535 309	180.462
1945	33.094	14,648,179	1,248.337	1945	1 686, 145	4,398 482	152 864
1946	30, 264	18, 279, 566	2 453, 362	1946	921 465	3 544 276	307 364
1947	34, 108	25. 927, 785	3,199,015	1947	1,247 612	18 \$40,570	458, 786
1946	23, 545	24 163 399	2,264,200	1948	6, 282, 758	15, 262, 900	439, 163
1949	14. 650	27,962.857	2,542.046	1949	3,914 003	20, 176, 610	\$18,505
1950	14,932	26. 781, 623	2,733,917	1950	8, 675, 350	18 923, 270	733, 257
1951	19,654	39,569,642	4,259.035	1931	8,863.991	32 505, 560	1,240.860
1952	13. 054	46 121,582	5.013.681	1952	5,629,757	42 237 561	2,081 440
1953	32, 059	63 441,463	5,958,987	1953	8,721 444	37 328, 991	2. 193 774
	E1	DMONTON			LE	THERIDGE	
			DUTY				DUTY
YEAR	EXPORTS	IMPORTS	COLLECTED	YEAR	EXMORTS.	IMPORTS	COLLECTED
	\$	\$	3		\$	\$	\$
1939	5,238	4 372,015	908, 434	1939	65, 017	2,203,472	178, 162
1940	2,074	4,953,571	911,390	1940	31 996	1 705, 526	114.012
1941	5, 974	4 295,225	875,156	1941	A2, 753	1,842,817	109,095
1842	12, 525	5, 309, 149	984, 530	1942	51,583	1 669, 267	122,320
1943	27, 382	9. 012, 202	1 283, 993	1943	18, 033	1 234 406	119,402
1944	48, 805	9,577,389	1 280,375	1944	38,105	2,447 274	137,096
1945	91,497	10, 312, 647	1 529, 378	1943	108, 275	2 755,892	148,872
1945	62, 351	16, 153 644	2 510.545	1845	73,266	3.766 796	250,682
1947	15, 693	22, 935, 506	3 310,080	1947	54,319	5, 438, 759	476,664
1948	47 349	19, 354, 268	2, 686, 569	1948	279, 347	5, 674, 639	251,613
1949	77,014	43.964,501	3.161,684	1949	199, 970	7,841,702	252,367
1950	90. 894	43.547 205	3,565,285	1950	328,056	5, 827, 180	230,716
1951	140, 217	61, 465, 382	5, 063, 909	19\$1	71.624	6. 750, 332	342,960
1952	296, 525	79, 074, 225	7 179,496	2952	958, 281	0,552,879	416.395
1953	104,016	79. 876, 665	8,182,510	1953	1,508,196	8,562,683	632.001
	MED	ICINE HAT			TOTAL	- ALL POR	rs
		.,	DUTY				DUTY
YEAR	EXPORTS	1MPORTS S	COLLECTED	YEAR	EXPORTS	IMPORTS S	COLLECTED
1933		289,210	32,186	1939	237,841	17, 272, 671	2,367 890
1940	_	494,005	47, 993	1949	343 607	17, 868, 133	2, 268, 842
1941	Mil	1,026 308	32,912	1941	1. 286 769	22,652,935	2,799.329
1942	322	1,467,064	37,457	1942	3,543.040	26, 635, 814	2 361, 694
1943	355 419	1,467,004	246.333	1943	3, 635, 806	28, 221, 277	Z 824,814
1944	455	1 363 762	110, 152	1964	13,964 698	30, 978, 990	2,777,994
1943	450 25	1,148,881	42 105	1945	1,699,036	33 264, 981	3 121, 756
1946	43	833 584	94 940	1946	1,107 356	44, 377, 666	5,657,294
1947	4,000	1,301 678	112 417	1947	1,388,782	67 144, 297	7 587,178
1940	20,338	1 425 637	105 303	1945	£ £53, 358	76,900,243	5. 773. 967
1949	1 789	1,362.791	111 492	1949	4,207,400	101,009,471	6.746,014
1950	1 759	972,461	62,513	1999	9,113,127	96. 052, 740	7 325, 885
	145	1 258, 359	62,313	1951	8,095,496	141 309,473	10. 100. 156
1951							
1951 1952 1953	-	2,852,963	160,798	1952	6,909,717 8,165,713	177, 878, 938	14, 835, 810

Trees 136. POST OFFICE MONEY ONDERS - ALBERYA, 1906-1991 A

	MONEY ORDER OFFICES	warre on	DERS ISSUED	MONEY OR	neme num
YEAR	NO	NO CH	AMDUNT	NO.	AMOUNT 5
1905	56	89, 457	1,395,300		-
1913	203	494,425	6,170,036	130,822	2,660,154
1919	267	810, 246	10,655,188	297, 858	5, 683, 951
1921	490	1,245,872	20.173,523	971,594	10,366,069
1926	550	1 749.748	22, 286, 484	600,541	10, 480, 898
1921	634	1 646, 114	19, 830, 976	762,442	11,467 \$71
1936	708	1,679,634	16, 392, 097	678,123	9,428,761
1541.	765	1,675 573	21 308,299	866,146	13,540,511
1942	774	1 967,042	23,848,183	914, 275	15, 431, 968
1943	765	2,454,981	27,568,297	1,011,855	18,454,368
1344	795	2,119,600	30,864,317	1,948,646	20,187,066
1945	763	2,225,260	22,006,569	1 069,728	20, 822, 967
1946	793	2,521,525	31,412,167	1,095,306	20,480.515
1947	781	2,643,306	36,416,021	1,217,371	22,680.660
1948	794	2,724,677	39,533,100	1,304,698	25 961,167
1949	600	2. 017 417	44.479.111	1 334 660	27 207 265
1950	798	1,143,582	33,903,499	1 779,125	25,580,519
1951	705	960,605	34,551,299	1,826.009	31 409,050
	PRE ABOVE TABLE	ATION WAS DISCOUNT IN	-00 ST THE POST (\$P710)	C DEPARTMENT	
				SENDONNAL OF INDEES OF THE SERVICE SER	

	Tees.e 137	-LIFE INSURANCE SALES - ALBERTA A	HD CANADA: 1939-1953
YEAR	ALBERTA S	PER CENT OF TOTAL CAMADA AND NEWFOUNDLAND	CANADA AND NEWFOUNDLAND
1830	\$6,252,000	\$.54	675, 786, 000
1931	27,189,000	4.16	594, 531, 000
1532	21,479,000	4.33	495, 641, 600
1933	18,472,000	3,96	466, 429, 000
1934	17 548,000	3,45	444.427 000
1835	16,465,000	3.67	426, 468, 000
1936	18,310,000	4,05	482, 332, 600
1937	17,944,000	\$.72	482, 268, 000
1936	19,559,000	4,20	455,494 000
1939	20.733.000	4.33	476, 744, 000
1840	16,794,000	2.70	484,043 000
1841	22,000,000	4-19	528,765 000
1942	10,580,000	4,45	657,404,000
1843	36,614,000	5.25	716, 906, 900
1844	41,375,000	5,55	746,018.000
1945	46,349,000	5.52	839, 008, 000
1946	65,557,000	5,60	1,156,292.000
1947	75,124,000	6,24	1,204,272,000
1946	75,051,000	6,27	1,207,820.000
1949	85,187,000	6,70	1,262,571,000
1930	95,474,000	7.04	1,256,619,000
1954	104,062,000	6,87	1,514,219,000
5001	126,770,000	7 32	1,731,156,000
£953	142,828,000	7,36	1,935,507.000

"HERPOLINGARD ROCKING A PROJUNCE IN INC.

\$	\$	\$	\$	5	3	\$	
945, 664	529,827	1 406,432	306, S0 <sup>7</sup>	1,220.685	472, \$13	3,602, 781	2, 006, 841
796.903	191, 170	1 601,250	870,417	1,442,876	962,029	2,821,079	2. 228. 001
966,714	519,900	1, \$47, 134	819, 154	1,515,657	1,018,713	4,026,705	2, 424, 820
891,356	458,413	1 415, 123	705,230	1,174,296	866,647	3.421 529	2, 030, 290
851,873	295,085	1 254,354	\$13,846	1 224 073	455,277	3,340.100	1,254 178
M6.086	258,962	1.242.295	360, 663	1,196,141	366,439	3.324 E22	196.06

Turns 100. FIRE INSURANCE - ALBERTA 1901 1902 COMPANIES

1833 1933 1904 195,014 397, 130 1 136, 525 346,509 1 227 386 218, 212 1 195,436 1,095,216 1956 152, 979 142,347 1 072, 829 291,476 260,214 2, 999, 024 767 035 2.967, 555 1 192 170 1937 663,017 265,769 1 001,887 385,001 1 122 500 344,400 1926 813,714 233, 869 174, 212 381,966 1,132,390 402,484 2, 920, 444 1 018 011 1900 814,743 219,975 1,064 177 107, 865 2,739,843 765,824 662, 923 277, 99 1960 820,700 274, 222 636, 625 275,776 1,056,523 519, 590 2, 725, 547 1,089,526 1941 977, 690 1,194,480 E18, 802 3, 042, 312 1,574.466 457, [13 \$10,130 901,421 1940 526,761 314,706 765, 541 339, 196 1,140,374 \$14,640 2,884,274 1,219,565 1943 127 772 285,079 756, 515 234, 911 1 194,496 442, 538 2,889.179 962 525 1944 1 079, 657 315,075 450, 908 595,340 1 401,075 R24, 793 3,340,411 1,728.100 1945 1 124 623 432 492 1 060 268 620 481 1 171 70 285 122 3 783 981 1, 802, 965 1 105 716 180,453 1944 1,214,495 579,004 497, 945 1.706,15 4,078,357 2,016,506 1947 1 548 775 \$35,341 1,356,768 594.30 2, 101, 670 1, 094, 466 5,000,000 2,349.013 1948 1 974, 197 1,267,222 2,096,772 973, 744 2,215,400 177,415 6,287 416 3,410,201 1949 7, 196, 503 5 192,000 2,437 110 1,626,621 2 550, 595 1, 501, 541 7, 176 314 4, 823, 821 1950 2,364,078 1 208,627 2,557 197 1 733,250 2, 809, 457 1 449, 945 8.060.732 4, 260, 740 1921 1, 646, 539 1 256, 671 3, 337, 826 1,895,694 3,255 822 4 332,766 9,530 153 4,157,590 3, 235, 144 1,010,945 3,584 871 1,182,850 2,864,248 1 264,932 10,781 261 3,269,767 2.616.365 1 290,143 5, 729, 868 1.441.192 3, 676, 689 1 323,160 11 625 127 4, 657, 306

	AL BERTA			CANADA	
YEAR	LORS \$	NEW CONT	TEAR	LOSS	"Na gas
1931	2,863,000	86.2	1901	47,049,000	77 0
1936	1,029,000	79.7	1906	21 525,000	80, 5
1937	1,503.000	87 4	1937	22, 724, 600	78.1
1938	1 387,660	79.0	1936	25. 689. 000	81.2
1839	1 149 000	66.7	1929	24, 633, 600	77.9
1940	,256,060	64.5	1940	2Z, 795, 000	80.3
1941	1 886,000	65.0	1961	28,043.000	77 2
1942	1 565, 600	75.15	1942	31 142,000	77 25
1943	1,199,000	80,0	1943	31,465,000	77.7
1964	1,896,000	P1 (	1364	43, 962, 980	74 5
1945	2. 104, 090	Bi 7	1945	41 503 000	75 1
1946	2,545,000	29.7	1948	48,413,300	75.6
1947	2.131 000	57 E	1947	57,050.000	72 1
1944	3.634.090		1948	67 144.000	
1940	5,300,000		1949	\$1,156,000	
1980	5, 943, 608		1990	81,525.000	
7951	4, 462, 000		1951	76, 919 000	
1952	4, \$45, 900		1952	80, 600 000	

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T-4., 146 DO-OPERATIVE ASSOCIATIONS ACTIVE IN ALBERTA BY TYPE HIS HIS MITTAGE ENGINE IN DECEMBER)

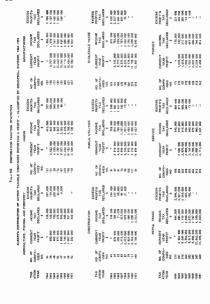
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rtes																	
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638	200, 6' 70			KT 635,				25 12				12.000				\$59.0	
177	\$78.060 V S			27. 227.				25.596				12 901				531.5	
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\$41	347, 062, 367			10 m				33.752				17 299				656.7	
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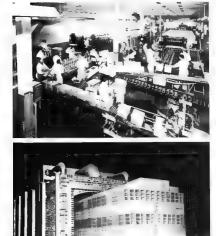
PUBLIC AND PRIVATE INVESTMENT IN ALBERTA 1948-1954 (CONTINUES)

OHILLIONS OF DOLLARS)

1954 FIGURES ARE EXTENTIONS. . ISSS PIGURES ARE PRELIMINARY



					THE REPORT		TOTAL		
YEAR	MO. O		OTH HO OTH MINES 5	HOT EMPIRE HORNE	DAVESTANON, DATE:	TOTAL MONES	SOSPINOS AND SERVICE FORM GLASSED	TAXABLE BHOCKE	TOTAL TAX
*****	90. 30. H			54, 155, 000°	S 10.40	Sec 125 mm	1.38Y 000	200, 700, 000	23, 101,000
*1967	37 M				13.291,400 13.581 (0)	217 No. 800 EN 327 800	177 594,080 101 386,086	149, 654, 500 200 877 560	31.831,400
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F95+	138,19	110,5	14.00	22,278,040	\$ 805.000	Dr. 323 MK	SAL PIC SIS	250,460,850	5. 61.40
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		10.07		AGES AND	200 00	MO.	WESTWART		
1545		RETIMOS NO.		Unics	POSE		avoure 5		DTKL BYCOME
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		65 cm		HZ 600 QX 600	20,000.0		3,867 (No.		No. 062, 065 65, 121, 065
*1969									
850		BC# 100		T2 00	42,540,0 29,440,0	E .	5.5Fk 000 # TPI 000		133-806,060 185-814,060
				ecan.	ALC TOTAL				
		NO, OF			growth disc	MCD.	BACESTHERIT		PERS. INCOME.
YEAR		#E*1,9953	SH	AFIES	acon 5		escover.		
See		80.770	206	125.000	P 695.0		12 WILANO		205. BET 000 207 BM 000
*1967 *1968		280,975 279,560	361.	179,000 1 T,000	95.796,0		4 195,000 or 80, em		
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1961		254, IRC 230, IRC	400	P1.00	16.50		24.275.ask		E75,143,000
	Tu.	166. DESTRUM	ends or trudes		EN OF BOOKS A ENTS, 1944 PSI	Properant beaut	nows and income the	E BY MAJOR CITIES	
			WASED	other tuties	presente	1974	AND DESIGN	THOMBUS	
	LOCATION	METANAN	MILANCE	PRODUCES				OHCOME	TOTAL TAX
		190.	. 1	15,795,000	1 105.00	97 ED. 000	6 812.000	64, 700, 000	5,315,000
ibek	CALBARY EDMORTON	20, 540	EL-625, 000	5.81.10				71,752 000	8, 355, 800 1 655, 800
	METHODE HAT	5,350	61,435,005 6,317 005 3,496,005 60 335,000	2,64,76		7 736,609 2 134,609	218.000	7,760,500	
	OTHER AREAS	B), \$17	\$4,000 \$4,4400 \$1,566.000 \$1,565.000 \$1,377.000 \$1,000.000 \$1,387.000 \$1,387.000		3 75,000	96.347.000	364.000	87.485 100	15 495,000
1907	GALGARY	34. 646 37. 890	43. 353, 608 48. 331, 500	2 Nr. 000 10 715 000	4 884,000	32,672,860 83,673,860		37.840,00V 36, 51.000	8,545,600 8,564,600
	EZHOYTON LETTRICTES		8. ftt. 609						
	MEDICINE THAT GTHER AREAS	55,417	E. 532, 600 71, 603, 800	1 404,000	371,839 6,123,639		4.352,000 75.852.000	3. 375, GHO 85, 864, 300	807, 800 12 521, 600
		40,575	N. 000, MW	15.300,000	1,00,00	100.200,000	2,00	St. 255.000	10 Dec 200
1941	CALSARY EZHOYTON								
	HERICULE TO T	5.790	10, 1011, 1000 2, 651, 1000	5,540,000	46,50	0.14.00		4-347,400 4-347,400	1,895,000
	GZHEZE VALEVO	94,855	\$6.000,000	80,445,000	4,91,975	179.003,000	95,615.000	41,434,910	16,913,000
100	CHIANT	36.196	765	C6.36-	5,700,000	277.079.000	er ent.old	45, 695, 000	1.671,000
.,,,,,		42,210	146	100.500 434 500		19,20,00	81.685.980	45,966,000 5,411,000	1,194,400 2,574,400
	LETHORISONS MEDICANE MAT	1,000 1,000			1 36- 960 GE 960			1, 759, 500	790,000
	WHEN AREAS	34,420		19.30-	4.709 (86)	171, 197, 040			
1980	GALGARY SDHOSTON	45-390 48-304	95,449,000 110,501,000	29, 169, 160	6.309.000 6.903.000	133, 767 986 Del 364 386		15,060.000 36,585.000	19.547.600
		8.360 3.160			Mt. 400	M:68,500 A:80 NO	F 159.000 5.405.000	9.300,300	840, 080 890, 080
	MEDICANE NAT	3.190	7 185,000 91 000,000	E-67-20	1,375,000	8,80,00	3.464,620 34,667 (90	49 SN, 900	12, 616, 090
		45.700	F 995,000	20,000,000	1.00.00	100,515.69		71,480,000	13,716,000
1901	CALGARY EMBRICH								14, 043 000
	CETAMORIOUS MEDICALISMS NAT	5.430 2.690	13.136,000 8.640,000	4.90 M	1 20,490	15,736,100	E1 948,000 8,000,000	4,381,000	
	COLOR VALEYS	40,740	All Net, one	le: 69, 500	1.71,00	205,661.080		65, 346, 500	17,35, 980





## TRANSPORTATION & COMMUNICATION

#### Text prepared by:

Aviation: Dr. T.G. How, District Controller of Air Services, Department of Transport, Government of Canada.

Telephones: T.C. Bradshaw, Commercial Engineer, Alberta Government Telephones,



#### HIGHWAYS

With the repot increase in the percentage of mater vehicle owners to population, the demand for improved roads has become some and more insistent since the world 1914-16. There is now (1954) a motor vehicle for every 3 1 A bettom. This is the fighest vehic represented ratio in Condition and of the highest vehic represented ratio in Condition and on the highest vehicle for every 3 1 A beginning to the provide of the provide of the condition of the first vehicle representation of the the provide of the condition that condition of the the provide interest that condition the condition of the condition that condition of the condition that condition the condition of the condition of

One sphess where the water car and much that been of special accordance developes, not been in trulo dress. This is which speech rural lowestups of subcodulate and much keep, not have not improvement of secondary usual made. These are, however, great restricts of country in the notheral portion of Albarra, with very five processing only very five roads. Surfaver portions are fairly well applied. Rural Injewoys are class field as men, secondary, district, local or farm. Local or farm Nighways corresize 95 per cent of the total.

The fallowing tables include figures for roads under provincial jurisdiction. Where actual figures were not available, estimates were made for local roads.

An accurate survey in 1941 accounts for the apparent progressive discrepancy in 1936-37

#### Hickway Milegos — A herto

Year	Mi.es	Year	Mi es	Year	Mr es	Year	Miles
1922	59,400	1930	62,426	1938	79,319	1946	80,109
1923	59,400	1931	62,426	1939	79,319	1947	80,442
1924	60,053	1932	62,426	1948	79,319	1948	81,822
1925	60,000	1933	62,834	1941	79,319	1949	82.881
1926	60,000	1934	62,834	1942	80,258	1950	83,823
1927	60,000	1935	62,847	1943	80,369	1951	84,386
1928	60,626	1936	62,802	1944	80,673	1952	84,598
1929	62,426	1937	79,319	1945	81,311		



HIGHWAY CONSTRUCTION ALBERTA

#### 4 1 1 511 1 411 411

	Bitumi- nous Pave- men+	nous Surface Treat	Grovel Crushed Stone, etc.	Total Surfaced Road	Earth	Other Earth	Total Earth	Gran Total
Year	Miles	Mites 411	Miles 3,310	Affles 3,841	Miles	Wiles	Moles 75,478	Miles
1941	120	411	3,310	4,192	13,157 14,002	62,321 62,064	75,478 76,066	79,31 80,25
1943	120	412	4,541	5,073	14,554	60,742	75,296	80,23
1944	120	402	5,748	6.270	14,664	59,739	74,403	80,67
1945	138	393	6.732	7,263	14,934	59, 114	74,048	81,31
1946	244	287	9,316	9,847	24,716	45,546	70.262	80.10
1947	462	184	10.862	11,508	25,708	43,226	68,934	80,44
1948	632	61	13, 137	13,830	26,663	41,329	67,992	81,88
1949	745	49	15.095	15,889	28,337	38,655	66,992	82,88
1950	990	49	17,027	18,066	29,764	35,993	65,757	83,82
1951	1,118	49	18,989	20,156	30,059	34, 171	64,230	84,38
1952	1,449	49	21,138	22,636	29,737	32,225	61,962	84,59

#### Summary of Expenditures

BRIDGES.	1941-42		1946-47	1951+52		1953-54
Replacements & Maintenance Construction	\$ 204,927 00 34,478,00	\$	331,355 00 134,253.00	1,106,509 0 2,047,615 0		\$ 2,077,400 00 3,000,000 00
FERRIES	\$ 100,554.00	s	153,258.00	\$ 261,106 (	ю	\$ 275,000 00

DISTRICT HIGHWAYS &
LOCAL ROADS:
Maintenance
Construction

MAIN HIGHWAYS:

Maintenance Construction \$ 285,600 00 \$ 635,274 00 \$ 1,408,462 00 \$ 2,500,000 00 217,861 00 433,373 0 2,235,279 00 3,125,000 00 \$ 1,004,197.00 \$ 1,95,670 00 \$ 2,240,799 00 \$ 3,500,000 00 743,416.00 4,057,139.00 12,867,522 00 32,469,350.00



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804 806 806 806 806 806 806 806 806 806 806	277 435 4 647 4 647 4 747 4 747 4 747 4 747 4 747 4 747 747	1900 1922 1923 1923 1923 1923 1936 1936 1936 1936 1936 1936 1936 193	38.003 40 205 40 205 40 205 40 205 40 205 40 205 50 20 20 20 20 20 20 20 20 20 20 20 20 20	INS. 185 185 185 185 185 185 185 185 185 185	ALBERTA,  HOTOR SUSES HO.  65	64, 899 64, 100 68: 389 97: 4483 100, 434 100, 434 100, 191 113, 190 123, 24 124, 25 125, 482 126, 1953 106, 1963 10	1964 1965 1966 1967 1966 969 969 975 975 975 970 970 970 970 970 970 970 970 970 970	127 4 110. 1 133 4 154 5 173 8 200 4 200 4 200 6 200 6
#10 #11 #11 #11 #11 #11 #11 #11 #11 #11	431 1 641 1	1922 1923 1923 1925 1927 1938 1936 1936 1936 1936 1936 1936 1936 1936	40 344 42 125 30 154 51 95 154 64 5, 91 75 204 64 1, 91 75 204 64 1, 91 70 19 40 1, 90 70 19 40 1, 90 70 19	HO HE	ALBERTA, HOTOR BUSES MO. 85	56: 389 13: 875 17: 448 197: 448 190; 434 190; 434 190; 24 130; 2 4 131; 37 131; 482 132 133 134 135 135 135 135 135 135 135 135 135 135	1945 1947 1945 849 899 890 892 893 893 079438 HAOTON VEHICLES	133 6 154 6 173 8 200 6 200 6 200 7 200 7
## 1	1 dd 1 2 mm 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1902   1902   1903   19	42 165 29 164 61 59 164 61 59 164 61 59 164 61 59 164 61 61 61 61 61 61 61 61 61 61 61 61 61	HO HOLDER BY TYPES HOTELS BY TYPES	ALBERTA,  HOTOR SUSES  HO.  65	#3 #55 \$7 #48 \$7 #48 \$60, \$9 \$10, \$9 \$10, \$9 \$10, \$4 \$18, \$7 \$12, \$6 \$16, \$16 \$16 \$16, \$16 \$16 \$16 \$16 \$16 \$16 \$16 \$16 \$16 \$16	1947 1946 949 900 901 901 901 901 901 901 901 901 90	194 6 173 8 200 6 201 6
112   112   112   113   114   115	2 Min 1 1721 A 1825 A 1	**************************************	39 156 65 69 66 65 99 66 65 99 66 65 99 75 256 88 300 99 75 256 88 300 99 75 256 99 75	ISS	ALBERTA, HOTOR BUSES MO.	97 AUS 190, 434 190, 194 191, 794 192, 2 4 182, 2 7 183, 452 193, 462 193, 462 194, 462 195, 1955 195, 1955 195, 1955 195, 1955 195, 1955 195, 1955	1945 M9 900 99 993 993 993 993	270. 6 230. 6 230. 6 251. 4 220. 6 201. 4 220. 6 201. 6 20
11.13 11.13	1. 725 \$ 4. 724 \$ 5. 607 \$ 5. 607	FRCS FRCS FRSS FRSS FRSS FRSS FRSS FRSS	50 986 65 95 15 266 88,196 98,736 30 17 9 162 170ENA, PHOSEDICES 180 160,193 17,193 17,193 18,194 18	180 190 190 190 190 190 190 190 190 190 19	ALBERTA,  BOTTOR BUSES MO.  85	190, 434 1907, 191 113, 794 130, 5 4 136, 5 7 135, 482 100, 1965 140,	M9 90 90 95 95 95 95 95 95 950	200.4 230.6 259.8 291.4 220.6 200.6
H4 H3	4. Table 5- 602 to 5- 602	TANE CABS HS0 CABS HS	45. 36 35. 306 36. 306 96. 730 36. 7. 9 48. AMOTOR VE TOPNA. Profesional CB 36. 63 76. 76 76. 76 76	ISS ISS ISS ISS ISS ISS ISS ISS ISS ISS	ALBERTA, MOTOR BUSES MO.	967.99 111.796 120.5 4 186.5 7 186.5 8 186.196 187.482 186.196 186 186 186 186 186 186 186 186 186 18	PRO- PRI PRI PRI PRI PRO- PRI PRI PRI PRI PRI PRI PRI PRI PRI PRI	200, 6 259, 8 291, 4 220, 6 200, 6 200, 6 200, 6
115 117 117 117 117 117 117 117 117 117	5 602 5 707 20, 628 22, 220 22, 220 22, 220 22, 220 22, 220 23, 220 24	1937 1938 1938 1930 7-in, 7AXI CABS 190 648 442 353 348 245 345 345 345 345 345 345 345 345 345 3	75 206 88,806 98,730 JS 1 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	ISS ISS ISS ISS ISS ISS ISS ISS ISS ISS	ALBERTA, MOTOR BUSES MO.	113.796 120.5 4 126.2 7 121.482 100.1963 100.1963 100.1963 100.1963 100.1963	97 93 93 93 93 07942R H0070R VEHICLES	291.4 291.4 220.0 10075 MOTO WENTO 65.11
11 ft 1 f	9.700 (00.400 in. 100	TANI CABS NO. 649 442 345 345 345 345 345 345 345 345 345 345	86,306 96,705 36,1.9 70,814 Px89,805,628 86,832 76,832 76,832 76,832 76,832 76,832 76,832 76,832 76,832 76,832 76,833 76,	HAP DE SECONDA	ALBERTA, MOTOR BUSES MO. 65	125, 2' 4 126, 27 125, 462 106, 1963 100, 100 100, 100 100 100 100 100 100 100 100 100 100	950 950 OTHER HOTOR VEHICLES	TOTAL
17	20, 604 28, 200 PAGSCIMOCE TO TO THE PAGE TO THE PAG	TAX: TAX: CABB 989 989 989 989 989 989 989 989 989 9	96,730 30,1.9 48. ABOTOR VE TOPAL PHISSIPHICE ABVIOLAGE 16,413 76,135	HOTOR TRUCKS BY TYPES HOTOR TRUCKS HO. 4 351 1 3.84 7 3 9 6.66 E 51 E 52 E 52 E 53	MUNICIPAL BUSINESS MO.	125_492 105_492 106_1983 100_000 010_000 100_000 100_000	OTHER HOTOR VEHICLES	TOTAL
- 14	28, 200  PAGCICHICLE  JTOLANGE ES  PG  38, 147  76, 781  54, 600  56, 276  57, 157  57, 157  54, 600  56, 276  57, 157  57, 158  54, 600  56, 276  57, 157	T-m.  TAXI CABG NO. 649 359 389 280 281 362 363 261 363 313	30 1 9 48 MOTOR YE TOTAL PRESIDICE MY 100 40,413 70,125 70,135 81,346 82,946 82,949 82,949 84,939	HIGHER BY TYPES HIGHER TRUCKS HIGH 7 7 9 K. 686 E ST ES 299	ALBERTA, HOTOR BUSES HO. 65	125,462 106-1963 100-1963 100-106 100-	OTHER HAPTOR VEHICLES	MOTO MOTO VEHICL MO
E A 数价 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	PASCOMECE 1700A008.E.S. 190. 39, 143 76, 78, 95 81, 388 81, 388 82, 553 92, 553 92, 553 92, 553 92, 553 93, 564 94, 356 95, 564 96, 356 97, 466 97, 466 97, 466	T-m.  TAXI CAB6 W0. 645 150 365 186 266 362 166 211 328	46 MOTOR VE TOPAL PHOSODICES 190 64,83 78,165 78,16	HIGHOR TYPES HIGHOR TRUCKS HIGH 7 7 7 9 6.086 E ST ES SEP	MUDERTA, MOTOR BUSES MO. 65	806-1963 MOPOR CHGLES HG, 385 380	HOTOR VEHICLES	MOTO VIENICE NO.
A (AM) (N) (N) (N) (N) (N) (N) (N) (N) (N) (N	JTOHOGE ES 195 195 196 196 196 196 197 198 197 198 198 198 198 198 198 198 198	TAXI CABS MO. 645 443 345 185 265 266 362 366 313 328	TOPAL PRESENCE ANYCHOSILES MC. 40,413 78,135 81,536 81,713 81,544 81,516 82,614 84,80	HIGTOR TREACHS HIG. 4 252 12,004 7 2 9 6,000 E 27 El 209	H076R EUSES H0.	MOTOR DYGLES MG. 185 285	HOTOR VEHICLES	MOTO VIENICE NO.
A (AM) (N) (N) (N) (N) (N) (N) (N) (N) (N) (N	JTOHOGE ES 195 195 196 196 196 196 197 198 197 198 198 198 198 198 198 198 198	CABS NO. 645 442 353 348 286 286 286 286 362 346 311 328	PASSENCER ANY CHICAL ES NO. 60, 413 78, 516 17, 538 17, 713 81, 544 88, 516 81, 516 81, 516 81, 516 81, 516 81, 516	TRUCKS NO. 4 282 12.004 7 2 0 6.680 E 21 54 209	80 90 91	HO. 385 380	HOTOR VEHICLES	MOTO VIENICE NO.
A (0.6 to 0.5 to	JTOHOGE ES 195 195 196 196 196 196 197 198 197 198 198 198 198 198 198 198 198	CABS NO. 645 442 353 348 286 286 286 286 362 346 311 328	AUTOHOBILES 762, 413 76, 413 76, 516 17 713 81, 516 81, 516 82, 516 82, 516 84, 503	TRUCKS NO. 4 252 12.004 7 2 0 6.680 E 27 54 209	80 90 91	HO. 385 380	VEHICLES	90-100 65.16
7,445 9501 9501 9505 9505 9505 9505 9505 950	290. 183 276 276 276 276 276 276 276 276 276 276	940. 645 445 355 345 246 261 362 366 315 328	760- 60, 413 79, 135 79, 136 81 793 81, 364 86, 398 82 864 96, 303	190. 4 382 15.094 7 5 9 6.680 8 87 84 389	85 91	HD. 385 380	HQ.	65.16
100 100 100 100 100 100 100 100 100 100	76 782 76, 98 9: 389 64, 600 66, 676 92 553 95 90 92 736 91 336 91 500 92 500 93 500 94 500 96 106 106 380	242 353 345 345 286 286 362 346 345 345 346	76, 525 76, 538 81 763 80, 544 86, 518 82 614 96, 363	15,004 7 7 0 6,080 25 3 26 kg	51	280		65, 16
000 000 000 000 000 000 000 000 000 00	76 782 76, 98 9: 389 64, 600 66, 676 92 553 95 90 92 736 91 336 91 500 92 500 93 500 94 500 96 106 106 380	242 353 345 345 286 286 362 346 345 345 346	76, 525 76, 538 81 763 80, 544 86, 518 82 614 96, 363	15,004 7 7 0 6,080 25 3 26 kg	51	280		
100 100 100 100 100 100 100 100 100 100	78, 95 81 319 84, 908 86, 276 92 553 95, 92 91 774 92 539 92 539 93 605 94 607 95 606 194 507 96 606	350 345 346 246 266 362 366 313 328	79, 558 81, 713 85, 544 86, 516 82, 614 96, 363	0.5 ± 2 000°9 13 3 600 F5	51			94.7
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05 00 00 00 00 00 00 00 00 00 00 00 00 0	66, 276 92 533 95, 92 93 736 94, 126 95 500 93, 921 96 956 194, 380 114, 676	281 281 362 346 313 328	85 514 85 514 96,363	58 369	121	100		105.
60 61 62 62 63 64 64 64 67 68 69 69 69 69 69	92 559 95 92 92 756 94 126 95 250 91 92 95 956 164 380 114 975	26: 162 165 513 52#	82 614 96,363		101	500 504		17.7
10 10 10 10 10 10 10 10 10 10 10 10 10 1	95.90° 92.756 92.236 93.500 93.921 95.956 104.380 174.676	162 166 515	96,363		150	2.5		120.2
#2 #2 #6 #6 #6 #6 #7 #8 #8 #8 #8	92 756 92 126 93 500 93 921 96 956 164 380 114 676	346 515 328		28.476	207	74		126.
02 04 05 05 06 07 07 08 08 08 08	92, 126 91, 510 93, 921 96, 958 198, 380 114, 676	313 328	99, 163	31 297	192	600		125,4
100 105 107 107 109 109 109 109 109 109 109 109 109 109	95 500 98 901 96 064 164 380 174 675	32.0	81, 153	21 257	150	100		117.8
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16 17 18 18 18 18 18 18	95 054 164 330 114 675	410	90, 334	26 585	197	741	610	123.1
(7 10 10 10 10 10 10 10 10 10 10 10 10 10	154, 380					994		
100 100 100 100 100 100	114.675	780	105 132	46 719	367	534	1 361	154.0
50 91		678	115,790	53.067	382	574	3 247	73.5
50 91		762	122 965	SZ 425	425	2 261	4 279 -	200.4
91	149 725	522	150 345	2.61	450	2 473		
	187 429	1.053		96 909	421	6, 505	1.45	
	56 525	1.050	10.227	97 675	487	1.369	SEE	201 A
	104 104	1.000	206.554	136, 677	-07	2.300	800	330 0
	PH AD	,	MUST LICENSES	E POLLOHING WOR	200	FOR THE YEAR	n 953	
			HAUFFELR LICEN	105	24, 526			
		- 1	RIVER LICENSES		325, 901			
			ENLES LICENSES		2, 236			
		۰	ASCLES STATION	LICENSES	1, 262			
	THIS	PER	AMORN'T PER	NUME YAY ALIES	HTA 152-166 JOD AND EXT	IPTIONS		
ATE EFFECT	WE GALL	OH 15	CENTS			DEED		
PR 30, 1925								
UHE 1 1929			4	-	-a- ar -cree -	Designed the authorise	PA. DISTRICT RESIDENCE TV	
PR 1 1905	4		:	Marie of Cales		MARKET PROPERTY.	or real management by	
SAY 8 1900			-	Forth Dis SCHEMES PO	THE REAL PROPERTY AND ADDRESS.			
				CREATE OF PRINCIPAL AND ADDRESS OF THE PRINCI	AN INCOME. DO	MUNICIPAL CHARGE NO.		
PR 1 1917								
PR 1 1951	10		10	harringsto to triagues. Pents, Published And P	the two protects	IN OF HENCESTY		
PP 1 1952	10		10	Mary and State Courts Mary at 1	o risk wonderno.	MINIST VEHICLES &	MANAGE CA.C The	(a FeE legal)
1 1957			10					

THAT HE RESISTRATION OF HOUSE VEHICLES - ALBERTA, 1965-1855

PASSENGER CARS	3 363,049	FINES	45 19
TRUCKS	2 952 956	PUBLIC SERVICE VEHICLES	
METER CYCLES	10,746	PASSENCER	197 21
5u2505	-	FREIGHT	790 63
DEALER LICENSES	43,490	GASCLINE TAX	3 -1 32
GARAGE AND SERVICE STATION LICENSES	14 279	MISCELL ANDOUS	79 19
DPERATORS AND CHALFFELIES	452 345		
TRANSPER OF MOTOR VIDICLES	49	TOTAL	24 23 08

TIN 1 131 SALES OF HEW MOTOR VEHICLES. ALBERTA, 1994 1993

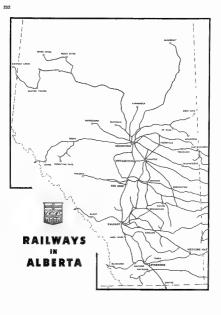
YEAR	MISSENSER CARS NO.	VALUE OF PASSENGER CARS	PER CAR	NUMBER OF TRUCKS AND BUSSES NO	TRUCKS AND BURSES	SAR ANTIGE SEN	TOTAL NUMBER	TOTAL VALUE	PER UKIT
1924	2.912	2 177 452	1 206	188	112 744	196	3.902	5 500 21	
1934	5 626	1 542 885	1 104	1 160	1 497, 991	100	2, 603	7 041 836	930
1926	E. 404	2 434, 970	1 006	696	1 667 796	500	7 090	7 02 766	1.000
93"	6.5.1	6 801 696	1 90T	2 133	2.331 909	1 932	8, 964	8, 943 505	7 013
928	7 543	8 OE9 625	1 179	2 582	3,410,763	143	10, 535	1 490 368	031
1979	7 361	7 702 234	1 646	2.979	3,348,194	1 163	10, 290	11 250,4 6	1 034
	7 264	B 435-323	1 06	2 927	3,300 445	125	10,191	1 234 748	5.16
1941	5 61	6 677 976	1 299	3 779	4 295,304	- 62	5 200	1 973, 200	244
1942	292	1 355 177	1.276	1 596	1 250 490	220	2,050	2, 710, 597	225
1942									
1944									
1945		-			-	-		-	
1947	1 952		1.759	2 612					
	10,959	21 172 768	1 952		17 043, 907		13,866		2 025
1949		30 542 516	2 344	16 611	22 465 231	2 139	21, 605		2.0%
1950	25,907	53: 129:365	2, 951	13.375	27 538, 671	2.021	31, 255	80 (57, 940	
1951	62 453	55. 109 713	2 499	14 455	32 712 965	2 227	31, 150	65 500 MID	2 599
1950	15, 197	60 D80 66*	2, 672	15.012	39 905 663	2 680	41 229	162 192, 234	1 49
									2 500
1953	29, 008	73. 162 000	2 500	14.236	35 233 900	z 496	43. 314	ce 595, 900	

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AN AUBERTA WHEAT FELD





#### RAILWAYS

The railway is the most important transportation agency from the standpoint of investment and of traffic handled, but many difficulties had to be overcome before the great transcontinental systems were established. It was necessary for Daminlon and Provincial Governments, with the assistance of municipalities, to extend some form of assistance to the private railway companies of Canada so that they could be constructed in advance of settlement, through sparsely settled districts where little traffic was available. The form of aid was generally a borus of a fixed amount per mile of railway constructed. Grants of land other than the right-of-way were also made

As the country developed, the objections to the and-grant method became more vocal, and old was more frequently given in the form of a cash subsidy per mile, a loan, or a subscription to the shares of the military Guarantees of debenture issues were given in a later period. Since the formation of the Conadian National Railways, all debenture issues of that system, except those for rolling stock, have been augranteed by the Dominion Government

The highlights of railway construction in Alberta are as follows:—

1863-The Canadian Pacific Railway completed to Calpary from Regina.

1885...The Alberta Railway and Irrigation built a line from Dunmore to Lethoridge.

1890-Extension of railway from Lethbridge to Courts on the International Boundary Line, and shortly afterwards an extension from Stirling to Cardston.

1891...The Canadian Pacific Railway completed to Edmonton From Calabry

1892\_The Conadian Pacific Rallway built from Calcary to Macleod.

completed to connect with Moose Jaw and St. Paul.

1897....The Canadian Pacific Railway extension from Lethbridge through the Craw's Nest Pass to connect with the C.P.R. extensions in Southern British Columbia.

1906...The Canadian Pacific Railway built or extension eastward from Wetaskiwin and in 1910, this was

1906...The Canadian Pacific Railway extension from Lacombe to Stettler was completed, and by 1914, was extended to Kerrobert, giving improved railway connections with Central and Northern

Alberto 1911 - A cut-off from Cologry to Lethbridge was completed in 1911, via Aldersyde and Kipp, and an alternate line between Calgary and Swift Current was secured by the Bassaro-Empress cut-off in

Pacific Rallway line to Edmonton.

1914—Railway branches built,....Coronation to Larraine; Suffield to Lomand.

1914. Alberto Centrol Railway built from Red Deer to Locheson.

Northern Alberta Railway (faint management of C P.R. and C N.R.)

1914.

1912 Onward-Edmonton-Durvegon and British Columbia Raliway built from Edmonton to Grande Prairie and points westward. Central Canada Railway from McLennan to Peace River and Berwyn, with extensions made to these later; 3,000 miles of aice and river novigation of the Peace and Mackenzie river valleys were linked up with three transcontinental railway systems. Another impartant line built was the Alberta and Great Waterways Railway from Edmonton to Fort McMunay.

Canadian Northern Railway (later Canadian National Railway) 1903-1905-Line extended from Grandview, Maritoba, to Edmonton, Alberta, and completed to Vencouver In 1916.

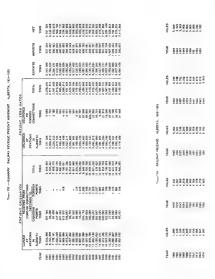
1909 Breach Line Edmonton to Athebasca. 1912\_Branch line\_Tofield to Calgary, Calgary to Saskatoon. 1920-Branch Line-Edmonton to St. Paul, Camrose to Alliance.

Grand Trunk Pacific Railway (later Canadian National Railway) 1903-1910-Line was built from Winnipeg through Edmonton to Wolf Creek. 1910-1914-Une was extended to Prince Rupert, B.C.

In addition to the above, many feeder lines were built.

3 3 į #8\$#BK E\$2148

199 1941



Aviation is a key method of treasport in Alberta, particularly in the norther section of the province. Severa, our routes spread out to odgo ring provinces, the United States and the north country. The practical use of aircraft in themorth country was realized during the 1929's and succe that there there has been steady development of the aviation industry in A berta. Many of the stories of the romance of but fiftyer center counted a craft and justic based or Efficients and other Alberta powing.

With the formation of Trans-Canada Air Lines in 1937 commercial eviation in western Canada took another surge forward but with the outbreak of the Second World Wor, development of crivi, aviation was curticulad. However, during threatistien free were to peace, a group to contracted for were purposes were acquired for crivillan use Civil aviation in Alberta and the north country now entrys fully equipped facilities for modern air treasport.

The Canadian Government encourages development of aviation by supporting the Flying Club movement and the provision of grants to flying schools and students.

To trans-contractal clivery route out errors. Albeits through College yet Edeotors. The rothcollect Fig. 1 was a second of the collection of the collectio

Numerous commercial, operators provide charter service throughout Alberta for survey purposes, for hunting and fishing, and for transport of supplies and personnel. Edmonton is the base of helicopter operations.

Avation facilities are provides by the federal government Department of Transport with district offices in Edination on Arr terffic control is provided along and principal arrays to ansure deequate circraft separation and principal weather forecast offices are located at Edmanton, Calgary and Whitehorse. A special Green's section provides weather information for forecasts for the polar regions.

The following is a list of water and land airports in Alberta - (W indicates a water airport, La land airport)

Grande Prairie - L Bearly Is Lake - W Josper - i. Brooks. Lac La Biche - 1 Calgary Lethbridge Medicine Hat - L - W - 1 Cold Lake Netook - L & W Cooking Lake Peace River ~ L & W Cowley - L Pincher Creek - 1 Edmonton Sundre Embarros Tober Fortylew Vermilion Ft McMurray ~ L & W Westlock Ft. Vectorion - L Wetaskreip

ALGARY NUNICIPAL AIRPORT is located five mises north of the centre of the city on the noin highest to Edination. The airport costs of flow numbers 150 feet in width. The north-touched earth west rumbers are 6800 and 6200 feet long sepectively and are used by all access incorporal aircords. The north-west south-read and north-read south-west rumbers are 4635 and 4407 feet long respectively and are reserved for use by light outcomes.

The airport is fully equipped for night flying. The Department of Transport operates the radio range, two instrument landing systems, the Control Tower and Forecast Office

The a root is used by Canadian Pacific Air Lines, Trans-Conada Air Lines and the R C A F.
Several charter, flying school and private operators are based on the autoot.

EDMONTON MUNICIPAL AIRPORT 's located within city limit two and a half wiles from the centre of the City, it consists of trees revenues 200 feet wide and 4451, 5700 and \$866 feet in length. The cityport is equipped for right flying and the Department of Transport operates a Radio Range, Instrument Londing System, Control Lower and Forecast Office.

The disport is used by Canadian Racific Air Lines, Trans-Canada Air Lines, Western Air Lines, North West Air Lines, R.C.A.F. and U.S.A.F. Several non-schedule air ines, charter and flying school operators are based on the airport.

GRANDE FRAIRE AIRPORT is located three miles west of Grande Proxi'e and has two bard surfoced runways 2000 and 6500 feet in length it is operated by the Department of Transport. Adout range and weather service's provided. Canadian Pacific Air Lines and miscelloneous operators use this cerodrame. The disport is equipped for night flying.

LETHBRIDGE AIRPORT—is located s.x. mules south-road of the City of Lethbridge. It has three runways 15 feet wide and 5512, 5525 and 5755 feet in length. The Department of Transport operates the airport as well as the acide range, here instrument leading systems, control lower and wearher office. The airport is equipped for right frying, it is used by Trans-Canada Air Lines, Western Air Lines, R.C.A.F. and the Lathbridge Fying Cibe.

McMRRAY AIRCRE\* is eight relies southness of the towns of McMarray and Woterways, the nather being the cultilated for elignment down the Mocazania laver note. The Department of Transport payerters radio become and weether service olony with normal cipart before injective light ing. The runway is \$400 feet to length and is hard surfaced for benry o'rooft. It is used by Conodion PROISE distributes, Homedo Avention one McMarray and Sanciaca.

MEDICINE HAT AIRPORT is located two and a bolf miles south-west of the city. It has one runway 150 feet wide and 4400 feet long, also two runways 100 feet wide and 2750 and 2820 feet i.org. The airport is equipped for night flying. The Department of Transport operates the radius range station to serve the airport, which is used by Trans-Carado Aur Libra.



#### TELEPHONES

In the year 1854, eight year other the First traceression of the human value was conceived and conducted between the Control of the Control of the Control of the State of the Control of the State of the State of the Control of the State o

Mr. Taylor was also instrumental in accomplishing the first long distance te ephone call in the region when he arranged for and carried on a fregmentary conversation over telegraph lines between Gerzee Richardson, telegraph coestator at Satrifaction and humalif at the Telegraph Const.

In the year 1886 the Doe'mon Government Telegraph line between Fort Mocleod and Leithbridge converted to long distance Helephone use and residented astrifactory service for a number of years. However, the first line built recoverably for propers of long distances letterphoney was exerted from Lathbridge to Cardiston by the Marison people of the district. The turn was angineered by Bishop Card whose name is committated in Cardiston.

A telephone exchange serving four subscribers was installed in Mr. Taylor's Edmanton home in 1886, and one year later commercial telephony in Western Canada really began when the Bell Telephone Company opened an exchange in Collagory with Early subscribers

The Province of Alberto entered the tesephone field in 1906 and on April 1, 1908 the Bell Talephote Corporny Interests in Alberto were tasen over by the Provincial Covernment by the end of 1907 of long distance lines. In 1906 on automotific Intellubrane exchange was opened in Straffbook Countries.

Edmonton) and was followed in 1909 by the installation of the first automatic exchange, at Calgary

Urban relephone service, except or the City of Edmonton, as provided by the Alberta Government

Telephones and the roral areas are served by fived Muthal Telephone Companies Inhaed through Alberta

The economic recession of the early 1900's reflected on telephone growth, otherwise steedy increases how pince. This was greatly becadesable by the demand for save, as during the post-war years nereliable to Government Telephone stations from 1947 to 1933.

A conversion program is progressing, the u Finale aim of which is the changing over of practically all exchanges within the Province to Automatic Telephone service

Mobile Telephone Service is rendered through the Department's Edmanton Mobile Telephone unit to thirth-seven plascribers and it is planned to place additional such units into service in the near future.

In the fiscal year ending March 31, 1953, the Alberta Government Telephones and Edmonton City Telephone System reported the following statistics:

Increase in stations	A,G,T 10,964	E, C, T S. 6,607
Increase in Rural Mutual Terephone Company Stations	1,013	
Increase in net tall revenue	16,8%	_
Constructed toll pole miles	200	-
Constructed wire miles	2.087	-
Rebuilt tall pole miles	182	

As at March 15, 1953, there were 21,785 applications for service including the following:

Colono																					A G.T 8,712	E,C,T,
Colgary Lethbridge	•			٦			•		•						•		•	•	•	•	503	-
Wedicine h	ċ		1																		116	-
																					561	-
Red Deer																					361	_
Drumhel.er		٠.																			138	
dmontos																						7.5

99,368

March 31st. March 31st. 

24 120

35,628

TOTAL:	36,130 101,301
Euchonge Sinstitutes Stations. Euchonge Sheatzeier Stations. Euchonge P.A.K., Sub Stations Euchonge P.A.K. Sub Stations Euchonge P.A.K. Sub Stations Poy Stations Toll Stations Private A. B. Una Stations A. G.T. Euchonge Pury Lune Stations	3,407 11,799 622 2,649 2,932 7,923 663 958 200 216 64 190
TOTAL:	36,130 101,301
Number of Rurol Mutual Telephone Companies 788 850	
Number of Rural Mutual Telephone Company Stations Number of Connecting Exchange Stations (Edisorher) Number of Connecting Exchange Stations (Bastif) (Included In Exchange Subscribers' Stations 1953)	17,096 25,854 19,991 53,989 415
TOTAL STATIONS IN PROVINCE	73,632 181,144
Tooline hay Boll Offices Tall Centre Tall Centre Toolboarty Offices Tool Centre Toolboarty Offices Toolboarty Toolboa	
The following hills been to a spikous development on the genumes. See Food Year. P. Fo	orte Total nerr Stations 503 86, 197 713 88, 287 866 92, 225 703 96, 701 724 105, 162 284 113, 479 238 128, 330 937 143, 822 752 162, 930

Number of Alberta Government Telephone Exchanges . . . .

		TABLE 155. —	TELEPHON	ES IN USE - A	LBERTA, 1	911-1952	
Year	Number	Year	Number	Year	Number	Year	Number
1911	14,424	1922	66.581	1933	57.429	1944	87,975
1912	15,801	1923	67,102	1934	58,245	1945	
1913	30, 194	1924	67,330	1935	61.174	1946	96,804
1914	37,118	1925	70.073	1936		1947	104,323
1915	36,749	1926	70,996	1937	65.579	1948	112,931
1916	35.026	1927	73,407	1938	68, 458	1949	127,238
1917	37.662	1928	77.572	1939		1950	
1918	42, 114	1929	80,273	1940	73,422	1951	161, 166
1919	49.338	1930	78,425	1941	77.574	1952	178,824
1920	54,482	1931	70,427	1942			
1921	64,383	1932	62.635	1943	85,779		

	TA	#LE 156.	GENERAL	L STATIST	ICS, TELEPH	IONES - ALBE	RYA, 1930-	1952
	1	ELEPHONE	s	MILEAGE	GOST OF	Gmons	Expens-	Nev
YEAR	URBAN	RURAL	YOTAL.	or Wine	PROPERTY-	REVENUE	TTURE	<b>OPERATING</b>
					EQUIPMENT			REVENUE
	No.	No.	No.	Meure	\$	\$	\$	\$
1930	58,608	19,817	78,425	292,135	26,323,082	4,260,625	4, 203, 531	57,094
1931	54,593	15,834	70,427	299,589	25,584,092	3,718,856	4,140,632	421,776
1932	50,764	11,871	62,635	293,711	25, 472, 969	3,330,330	2,327,789	1,002,541
1933	46,849	10,580	57,429	290,314	25, 139, 954	2,967,885	3,213,184	245,299
1934	46,630	11,615	58, 245	282,758	24,079,81	2,961,986	3, 144, 454	182,468
1935	47,533	13,641	61,174	262,898	20,637,612	3,062,686	3,135,284	72,598
1936	48,336	14,432	62,768	264,638	18,761,752	3,135,812	2,725,727	410,085
1937	50,084	15,495	65,579	262,260	17,803,703	3,383,433	2,724,000	659,433
1938	52,443	16,815	68,458	264,385	18,074,710	3,465,278	2,675,865	789,413
1939	54,080	16,856	70,936	266,233	17,905,955	3,595,784	2,715,608	880, 176
1940	56,214	17,208	73,422	267,864	18, 245, 505	3,637,916	3, 138, 601	499,315
1941	59,421	18, 153	77,574	270,840	16, 405, 149	3,899,334	3,517,514	381,820
1942	62,791	18,695	81,486	274,559	18,742,990	4,210,926	3,694,770	516,156
1943	66,525	19,254	85,779	280,283	19,506,501	4,857,180	3,655,951	1,201,229
1944	68,303	19,672	87,975	282,061	19,403,069	5,276,523	3,814,526	1,461,997
1945	71,989	19,888	91,877	288,168	19,933,041	5,683,867	4,621,049	1,062,818
1946	75,724	21,080	96,804	301,330	20,911,863	6,147,122	4,322,819	1,824,303
1947	82,610	21,713	104,323	322,988	22,824,182	6,782,021	4,460,266	2,321,755
1948	89,988	22,943	112,931	341,781	26,382,756	7,691,752	5,040,363	2,651,389
1949	103,401	23,837	127,238	397,406	31,692,138	8,767,429	5,812,620	2,954,809
1950	116,484	25, 139	141,623	447,758	35,500,106	10,142,492	6,680,484	3,462,008
1951	135,031	26, 135	161,166	490, 194	42,636,063 52,941,663	11,613,153	7,899,744	3,713,409 4 478 586

1951 1952	135,031 151,876	26,135 26,946	161,166 178,824	490, 194 565, 484	42,636,063 52,941,663		7,899,744 9,199,939	3,713,409 4,478,586
	TAB	e e 157	-LABOUR ST	TATISTICS	TELEPHO	NES ALBER	TA, 1911-195	12
YEAR	EMPL		SALARIER AND WADER		Year	EMPLOYEES	SALAR ES	PER PERSON
		No.	\$	5		No.	\$	5
1911		46	21,526	468	1939	1,062	1,149,165	1,082
1916		597	512,637	859	1940	1,071	1,165,155	1,088
1921		808	1,266,656	1,395	1941	1,088	1,211,125	1, 13
1926	7	42	1,120,960	1,511	1942	1, 157	1,342,004	1,160
1930	1,4		1,491,666	1,056	1943	1,209	1,449,328	1, 198
1931	1.2	95	1,357,862	1,049	1944	1,184	1,535,17B	1,297
1932	1,2		1,224,175	988	1945	1,309	1,685,725	1,288
1933	1,1	112	1.061.388	954	1946	1.427	1.917.017	1.343
1934	1,1	152	1,026,375	891	1947	1,120	2,303,192	2,056
1935	1.1	40	1,008,753	885	1948	1,282	2.735.427	2, 134
1936	1.1	20	1.029.727	919	1949	1,438	3,367,042	2,341
1937	1,0	073	1,059,019	987	1950	1,632	4,002,450	2,452
1938	1,0	070	1,120,693	1,047	1951 1952	1,966	5,185,001 6,138,946	2,637 2,765

### RESEARCH COUNCIL OF ALBERTA

Prepare

J Gregory, Industrial Engineer, Research Council of Alberta

#### THE RESEARCH COUNCIL OF ALBERTA

The Research Council of Alberta is prosely a research groom-zation carrying on fundamental research projects in such fields as coo , oil sonds, their call utilization of natural gas, highways and geological and soils surveys. In addition, however, the Research Council also provides services to industry, essentially through two of its sections, namely the Gasoline and O I Testing and the Industrial Projects section

The Gasa one and Oil Laboratory of the Research Council is operated largely as a referee testing and inspection division. Complete facilities are available for the testing to standard specifications of almost all refined petroleum products with the exception of greases and asphalts.

Testing of five's and Libricants for the Department of National Defence in Western Conada. and the inspection of motor gasolines sold throughout the Province of A berta, constitute the major work of this division. The fact-titles are however available to the Petroleum Industry and others on a regular fee basis. Many tests are run for individuals on investigations of engine difficulties or failures.

Research work is also carried out by the division as time and facilities permit,

The Inquity of Projects Section maintains a technical service for new and established industry in the province. Studies are undertaken of the feasability of establishing new industries in Alberta. The results of the findings are made available to interested industry and to government departments that are closely associated with industrial development in Alberta

Assistance is provided either directly or through other povernment departments to industry considering entering Alberta as a field of goespirons. Visiting industrial sts may consult the section on my meterials, market conditions, utility as and other aperation factors in Alberta and also on manyfacturing pracesses.

This Section of the Research Council of Alberta maintains a Technical Information Service to exemple the interest of the coverage. Individuals and industries are informed in the following ways

Advice on amountation of new enterodises

Assistance in selection of new products, methods of processes.

Instruction in building gractice as suggested by National Research Council

Supply of reference material, a g geological, chemical, ceramic, mechanical and electrical

"Trouble Shooting" failures in processes or equipment,

Advice on Safety, industrial health, poliution, waste disposal.

Assistance in finding suitable substitutions for expensive materials

Ut I zation of wastes into byteraducts.

Solution of problems in handling, packaging, shipping,

Confidential liquida between industries personne i, materials, markets

The following are the major sources of information

National Research Council and its scientific iso son offices

Provincial and Enderal Government descriments

Industrial and government research progressor and throughout the world. Contact with second six in nort cular fields

Personnel of the TIS staff

To meet increasing requests for such service the Industrial Projects section is setting up facilities for the performance of research and testing for industry on a fee basis. The staff has been increased and more test na equipment is being procured as required

The geology division has aboratory facilities available for the study of clays and other indus-trial minerals. Although their work is primarily of a research nature, they are prepared to undertake some testing for industry.



CORE TESTING

BEFORDS PORT BASKATOSDAM

# INDUSTRIAL DEVELOPMENT BOARD

#### Prepared by-

R. Martland, Director, Industrial Development Branch, Department of Economic Affairs.

#### INDUSTRIAL DEVELOPMENT BOARD

The Industrial Development Board of Alberto was formed in 1946, and has osisted in the establishment of numerous new industries. Compaced mainly of industrial commissioners from lowing and criters, the Board works on the provincian swhere has not be cool evel. The industrial growth of the whole Province is it is main concern although the individual members are free to carry on efforts to attract new industries to their respective distriction.

Ralph R. Meore, Deputy Minister of Economic Affairs, has been chairman of the Board since 1948. Richard Martland in Director of Industria, Development and Gardon Maria secretary

1948 Kicherd Martiana is Director of Industria. Development and Quedon Morris secretary
Present members are G. W. Curris, City of Edmanton, E. H. Passons, City of Colgary, M. M.
Cunninaham, City of Red Deser, S. R. Lamb, City of Lethbridge, J. L. Kergon, City of Drumhelter,

R. H. A. Lacey, City of Medicine Hat, N. A. McEacheren, City of Weltakirwin, and the Secretary-Treasurer, Town of Camrose.

The board meth four times a year, changing the meeting place each time so that the earn charged with the responsibility of encouraging new industries may come to know personally the industrial possibilities and economic development of all parts of the Province.

Usally lasting for two days, the mestings are open to the public on the assistance of the control of the contro

hen idea and stellationated loos or advisory body on all matters relating to the effective one affic miconomic development of Aberto, Beheven research, the government represents vis of the Board convictor to pramote new industries on the provincial level while the members from the minimal relation of the convictor and the provincial level while the members from the minimal relative encourage industry on the isocal feed, maintening instances with the government representatives or Edmonton

The director and secretary of the board are members of the Industria. Development Branch of the Department of Economic Affairs which functions sec a very for the development of new industries within the Province These activities and with the production and distribution of direct all survivals within the Province These activities and with the production and distribution of director of a Alberta c hiss, towns and villages, the promotion of the Province's industria, possibilities by odvertising, publicity, displays, filling and visit to Canadia on at American Adultation among.

The armof the Industrial Development Branch is to encourage the establishment of new industrial which will be protected efficiently and productively and at the same Izen fit into the industrial structure of the Province. The right advice for an industrialist contemplating a new plant in Alberta requires the right information of for this reapon the Branch maintenance macretainest is of table to an ordigenated information.

If additions information is needed, assistance any be obtained from the industrial commissionars, who serve on the Development Board. Other information sources one the Condition Government, banks and trust componers, mercentrial organizes, established industries and the Research Council of Alberton. The bronch is gloop member of the Condition Provincial Governments Torde and Industry Council."

Industrial development is essentially a promotional effort in which of Albertons can part or, porte but the services of such a body as the holdwarke? Development Board are isserted to define the objectives of economic growth in Alberta and provide the leadership and counsel required for an effective development program.

## CO-OPERATIVES & CREDIT UNIONS

#### Prepared by:

H.W. Webber, Supervisor, Co-operative Activities Branch, Department of Industries and Labour.

### ALBERTA CO-OPERATIVES

Coroperatives in Alberta may be divided into three categories - Producer, Consumer, and Service.

In England, where our modern comperative movement had its beginning, consumer comperation is considered to be the most important phase of the movement. Here in Alberta, where agriculture is the basic industry, producer corporation may be considered to be the most important phase

By far the largest dollar values of business is done by the eleven argin and seed co-coeratives goerating in the province. Livestock congestatives are next in importance in so far as volume is concerned. even though in the last few years, the small livestock co-operative has had an upfull struggle due to improved roads and direct truck hauls to large marketing centres and packing plants. This trend can be seen

quite markedly in that in the past five years the number of livestack marketing associations has decreased by fourteen. In Alberta, the first Co-operative Act was possed in 1913, as the Co-operative Associations Act, In 1924, there was an additional Act passed, the Co-operative Marketing Associations Act, and

the two Acts were both in effect until March 27th, 1946, when the new Co-operative Associations Act became law. Under this Act, provision is made for all types of congenitives, and for the unervision of all co-operatives. Throughout the years, coroperatives have been considered as a regulator of the business in a

community. To adequately perform this function and allow producer compensitives to obtain some financial assistance in obtaining plant and equipment, it was felt in 1928, that the government should assist in financing capital cost of this equipment.

As a result, in 1929, the Competative Marketing Associations Guarantee Act was passed by the legislature. This Act provided for the guarantee of the Provincial Treasurer being granted to market ing associations who wished toborrow money for the purpose of providing plant undequipment for processing gar-cultural products. Loans under this Act are extricted to constal expend ture, and in oddition the association must provide part of the capital. Originally the liability of the Province under this Act was set at one million dollars. Later this was raised to two million dollars.

By successive amendments to provide for the financing of rural electrification projects, the hability under this Act has now been ruised to a maximum of five million dollars additional to provide for the financing of rural electrification associations.

Extensive development in rural electrification in spifor as comparative associations are concerned, aid not beain until 1947. Prior to that date an extensive survey of the electrical needs of the tural great of the Province had been made, and the compensative plan was considered to be the most legalble means to use in electrifying the greatest number of the 84,000 form of the Province without undue hardship or anyone, and without creating any provincial debt to build the thousands of miles of distribution system which would be required.

Guarantees to co-operative frazen food lacker plants may also be made since a 1944 amendment to the Frozen Food Locker Act. The total lipbility of the Province under this Act may not exceed one hundred thousand do fors

The original purpose of these Acts was well served in that it gove areater imposus to the buildion and expansion of facilities for handling and processing form produce.

In addition to the provisions for augrantee mentioned above, the Building Associations Act provides that any Building Association depentures may be guaranteed with the total I goldity being one million dollare

All coroperatives in Alberta, registered under the Coroperative Associations Act, or the Coraperative Marketing Associations Act, are required to file on audited financia statement with the Comerative Activities Branch at least annually. In addition, consumer comparatives are required to file monthly statements with the Branch, one purpose being to give any guidance possible, but primarily to see that the Boards of Directors receive the information to which they are entitled.

Service conoperatives comprise the greatest number of all associations in Alberta. The Sundry group, comprising among others, community halls, grazing associations, film groups, housing corroperatives, and others, number only 37 active associations. However in the Service coledory should be listed the Rural Electrification Associations, of which there are 305 activally operating in Alberta at the moment.

To gas at Rural Electrif custom Association in their franciscing, the policy as under the Cooperative McRefetting Augus calmos (Sucentries Act proteins that 5%) or more of the estimated out of the protein was be resident out only by the remoters of the ossociation, and the bolunce may be borrowed under the guisantee of the Reviewcal Tensioner from any ending approxy which will bon the enough of 31/2% per circum. The majorium term for which the anowy any be bostowed in ten years, and provision is mode for prepayment without proteinly or any time prior to the ten years.

Juder this plan of Financing 15,665 members have been supplied with power. It is estimated that over 15,000 miles of pole mer have been built to serve these members. Since 1946, 66, 521, 912 has been borrowed under the government of the Provincial Teasurer to build lines originally estimated to cost \$15,412,651, Of this around, \$3,831,660 mes still outstanding of December 311, 1933.

Before the are built ask motion of cost and financial amongments are made. Since the lines one built at our of the various prever compress have been do to made many rape refunds to the Associations. The largest cash refund to an association to 1st January, 1954, has been \$45,744.68, and the largest makes refund has been \$481,854.

In 1922, real one were reaching our into ones which could be considered marginar. The promotes Board Principinary in which 200 can be man equilibration working self, but in set in the own promotes Board Principinary in which 200 caches man equilibration working self, but in set in the own promotes and the promo

Payments on principo care naturada for the Revolving Fund and intensit payments go to the gateroid revolves of the Provincia, At December 31st, 1953, 1 has sat impact on cost 55,778,464,89 to serve 5,157 members but on in sources under the Revolving Fund Act 34,211,569 13 has been borrowed or orranged for under the Act of the Section 1955 of

Since the original Coroperative Associations Act was passed in 1913, a total of 1,072 coroperatives have been incorporated in Alberta. 178 of these were under the Coroperative Morketing Associations Act, Of these, Coli



GEOLOGICAL PARTY - SOUTH HAHANNÍ RÍVĚR

	CHEDIT UNIONS CHART- ERED	CREDIT UNIONS REPORTING	Мемвена	Авактр	Shares	DEPOSITS	LOANS GRANTED TO MEMBERS IN LATEST FINANCIAL	LOANS GRANTED TO MEMBERS SINCE INCEPTION
	No.	No.	No.	s	\$	5	YEAR	5
193		23	2,226	47,807	40,687	5,405	93,738	93,738
194	7 208	190	22,758	2,468,563	1,939,957	305,833	2,307,186	8,371,781
194	8 201	192	24,761	3,221,964	2,581,899	395,619	2,754,687	11,126,468
194		209	27,533	4,171,468	3,410,590	401,143	3,682,537	14,809,005
195		199	27,836	4,607,245	3,829,552	309,760	3,433,008	18,242,013
195		189	28,404	5,089,065	4,269,240	355,228	3,470,415	21,712,428
195		192	30,472	6,246,225	5,142,626	572,601	4,686,204	26,398,632
195	3 210	201	34,857	7,800,025	6,499,944	617,084	6,266,231	32,664,863

The Alberto Crade Union Act came into face in Noord, 1998, and the First charters were issued in September, 1998. The objective is the premotion of Credit Linious, a form of co-operative bonking Introduced Into the Province of Queece in 1900, where spread to the other provinces from 1900 ownerds. In the year 1922 there were 3035 chartered Credit Linious in Canada of which 1107 or approximately 36 per cent were in the Province of Quebec.

The main survivaes affered by Credit Unions are the sovings one credit facilities. An advactional program is main'and ed. Additional services comprise loan and sovings insurance protections provided by more than tree-fourth of the Credit Unions in the province and also chequeling facilities provided by asmaller number of societies.

Borrowing Presers—Supervisor shall approve. Borrowing up to 25 per cent of combined capital, disposits ond unplus requires a vive of free-fronths of the members of this board of directory over 25 per cent and up to 50 per cent requires approved by three-froints of the members present at a meeting or over-third of the retail membership whichever is this greater.

Lannes—Members may, without additional sec.- by and on the approval of the Credit Committee, borrow

up to \$200.00 over and above the applicant's savings. Over \$200.00, adequate ascurity is required. Director and Certain Committee approve scars is noter Certain Union solves object to the concern of the Supervisor. Any officer who wishes to barrow "in excess of his equality wast" hove in 'a luon approved by a two-third majority of the other officers,

Apparticipant of Surplus—Reserve Fund—Ar least 20 per cent of net earnings each year, entrance fees, fines Educational Fund—Not to exceed 5 per cent of net earnings provided for in by-laws. Dividends declared from biclance of net earnings.

General—The Credit Linion movement has storen steady growth so that by January Isl., 1954, there were 200 active and operating Credit Lisions in the province "in low ow 35,000 methes, and members sowings (thorse and deposits) exceeded steren million do lors. During their operations is one to thirty-three million do lors how been coned to the members for provinder and productive purposes.

Supervision—Supervision is provided by the Correptative Activities the Basich of the Department of Industries and Labour Supervision provides for help in organizing Cent? Unions, help with and phrice on operations of the book and records with the major countries of the Supervision of Supervision (Supervision Central Control Control

# TOURIST TRADE

Prepared by:

D.E C. Campbell, Director, Alberta Travel Bureau, Department of Economic Affairs. 

### TOURIST TRADE

hates's sourced Industry depends principally upon the magnetic power of the sweptileous source produce of the Composition Rockies with their peopherally glacered peats, their cytophi-cless pied grown lakes, their beaut full workelf is end nothing stream and their dense twengreen forests. National Parks in the Composition Rockies accorded in earth and condusined according of Kenny Season, Respectives, Domestin Devent (Those of Peatrices) and Find Rockies and Composition Rockies accorded in earth and Rockies and Composition Rockies and Respectives (Peatrices) and Rockies and Rockies (Peatrices) and Ro

Allower's reseal and allower's service 1965, her questionable for values and value, must be descipant to the completion of administrationable following private which have suffer for completion of administrationable for the completion following the Completion Roberts and proceedings for the scanners where the completion following and the scanners where the completion following and the scanners where the completion following and the scanners described proceedings and produce of the scanners where the scanners are scanners and the scanners and the scanners are scanners and the scanners and the scanners are scanners and the scanners and the scanners are scanners and the scanners are scanners and the scanners and the scanners are scanners are scanners are scanners are scanners are scanners are scanners and the scanners are scanners and the scanners are scanners and the scanners are scanners.

Communical during the early 1970's principality to provide work for unemployed labour, the Bastley
Agent Highway see complished only agent for maller on 1979. In January of Hart prop, carticipating the
leggs receives in motor walfer which would estall and the need for on eigenvation to reaght walfer
material with execution information, the Government of Albarta stabilities of the Albarta
Trovall because to which was outgood also the publication of Albarta stabilities of the Albarta
Trovall because to which was outgood also the publication of Albarta stabilities and a general
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stabilities and the Albarta Stabilities of the Albarta Stabilities

In 1946, in the fare of a ministerial order under the Licensing of Trades and Businessa Act, reguletters care: into effect which promoted for the regular impaction by proviocal health individual of bourst careps and cobins and for greating of such cateria according to standards of contraction under facilities that contravand and, for the Licensing of such accordination. This motivary varing Alberts wave casual of a uniform standard of accommoder-on-maintened to high specifications for their powder and convenitence. Alberts were the first Condense provincy to effect and enforce such peoplations.

White, Clear "At subness and he constructed on concerns or store foundations, all somes and he confirmed to the control of the

The Covernment of Alberta does not attempt to fix maximum prices for eccommodation but requires that operation should be delived the inchedules of risks before the appealing of this stateon after within the rates must not be revised upward without at least thirty days' notice after which permission must be obtained for the chances.

congest.

The Albertie Government Travel Suresu lauts a "Holiday Gulde" each spring and includes in it a list of all Incansed cabin accommodation storing the number of cabins, the greate and price par night for each in each case or will a Thus, with price information published in the backler, the smortals are yellow.

his vacation and make his reservetions ahead of time for cabins to suit his budget

Hotels licensed to sell been in Alberta are under the jurisdiction of the Alberta Liquer Central Board whose regulations govern the standards of accommodation and services provided for guests

Simultoneously with the enforcement of tourist comp regulations, the Travel Bureau lounched on enforcementaling and publicity compage using Sinda provided by the Government in 1947, during the post-war resonalization, the Travel Bureau was heredisered from the December of Industries and Labour (which

remained the licensing authority) to the newly organized Department of Economic Affairs. Through the latter department, the hourist industry as a whole was given on approach to the Government through a department whose functions were purely constructive and corresponding.

One of the first efforts of the Department of Economic Affairs was to encourage the organization.

One of the first affirm of the Department of Economic Affain was to encourage the capacitation of the oductyring to body that could reason from its measures for public type described proposals. A school for resourced enablepase and contents was subdicted. In the inches of lickholding and Art. The content of the content

Anner recent development has been the stabilishment of a tour it oferention bustes at a streamgic highway interaction meat the history. Mounted Polices are Fort Mecleoid, Practically oil attormebile trefts entering Albams from the United States must pass this point in the busies was substituted by provide spro-form-mounts information about policy and ordered conditions, a commission of the provide spro-form-mounts information about the sproad policy and finding to be ringle footblier and a presentation of the providence of

In 164 a total of 375, 1813 vallem who cause by automobile, team, ownerful and but restricted in Abbret and speak in highly through the 38,310,000. In 1823,110,000 to 1823,11

special event as their differences. The processed one is the interesticately femous Colleger prohibition contribution on the American contribution of the American contribution. The Tail Sumpair is constructed doing the learned weers of July in comparation within agreed learned file or and interesting them to be interested with the processes of the Comparation of the Comparation within agreed learned file or and interesting them to be interested or any time and the comparation of the Comparation within a provided file route file district files. Moreovar, for every times, through weak in July, and generic search only provided file route file district files. Moreovar, for every times, through weak in July, and generic search of the file district files. Moreovar, for every times, through only the provided file files for the district files of the search of the provided files formed and happened for formed and the provided files formed the files of the files o

The Government of Alberta has given considerable financial as well as leadership assistance to

will be made toward the world skic championship (F.1.5) meeting during 1958 if it is scheduled for Banff. The Government also contributes generously financially to The Canadian Tourist Association, The Canadian Rockies Tourist Association and The Pacific Northwest Travel Association.

Other special wants which receive support by very of publicity and compession module the orman issuited for Alaysen Chief Orgodis, The Trail Réset of the Condella Rosies and The Sylline Trail Réset. The Alphine Chief, organized on 1905, her credicted congs for enoutheress in the congress of the Condella Rosies of the Sylline Trail Reset of the condella Rosies of the Rosies of t

Detailed descriptions of the National Parks, their facilities, attractions and accommodations, torgether with details about attractions and accommodation, bushing and failing regulations in Alberta outside the National Parks are available from the Alberta Trave's Biosept An Official Alberta road map, a special publication on failing in Alberta, and other metersal, which covers very appear of the tourist industry in this province from which metersal for publication map be dreem, can be believed as well.

# **IMMIGRATION**

Prepared by-

J. Ferguson, Immigration Branch, Department of Economic Affairs.

#### IMMIGRATION

The aconomic and industrial devalapment which the Province of A besta experienced in the Immediate post war years emphasized the shortage of all filed the p within the Province sequend for any broad exposition of industry and the development of Albesta's insources. To meet the media or unsignation program was farmisated and adopted, directed towards the encouragement and promotion of an influx to Albesta of selected individuation and familiars from the Lintest Kindous.

On April 1st, 1948, Alberta House was opened at 37 Hill Street, London, England under Mr. R. A. McMu len, Agent General for Alberta in the united Kungdom, for the dissemination of factual information about the Province and for advising one screening prospective imm grants.

The Immigration Bureau, Department of Economic Affairs, was opened in Edmonton on February 4th, 1948 to deal with correspondence and to suserable information on meditors selled for lamingration for the London office. Upon currical of the amigrations, the duties of the Bureau included caroniggs for the receiption and to offer advise and assistance where necessary in their establishment in employment and accommodation. This service was provided and only to those who came to Alberta under Government.

the receiption and to affer advice and assistance where accessory in their exhibit himsen in employment and accommodation. This service was provided and only to those who case in Alberty under Covernment ausplaces but also to those who came independently from all parts of the Smrtish Commonwealth.

No "manifold of any kind was to be estended to any immigrant under the Alberty plan.
The acolition's has a shariful efficient at Alberty Blaces as to chemistre. Any Pinn Alberty Blaces.

funds to meet cost of passage and effect settlement.

An important factor in the aperation of Alberta's Investation Plan was the l'initiation praced by the Bank of England on the amount of copital which could be transferred from the stelling to collar organization. The Plan be amount which could be transferred was reaced from time thousand bound to

one thoused pounds over a four year period. This placed is severe handloop on Alberta's melty' blouched place and necess based when greater care in the selection of prospective "meligiouss." In 1949 the instability of the Er's sh pound became on important factor in the operation of Alberta's laneagration Plan. The finest of devaluate or of starting currency became on actuality in Sagritenable of their vee. The amount of more which to Startis's immigrate could their resident to Counded was

tember of that year. The amount of money which a Stritish "amiligrant could then transfer to Canada was restricted to the equivalent of \$770.00 per year for four years.

The severer restrictions oldcold uson transfer of cooling and the acute housing shortcast in the

Province necessitated strict screening of all applicants.

It was Albarto's policy not to promote on or-controlled Influx but to consider quality of immigrants arises than questity. If screening were obsended at Albarto's immigration "Spress would hove to many times the rate of entry in 1949, An uncontrolled movement to this Province would have and odvere effect on Albarta's sound industrial and accommic development.

To make doubly cartin that opplicamis excepted were carrieds and easy to assemble into our excouncy, opportunion were first reserved by Alberth Books, then forwealed in the limiting that Books. Deciding feature were fund an entitlable for the prospective similarity or meet cost of passage and effect extentenest, separations and que, inclusion in dry part code tools, soil or professions, private generative sizes in a debating engagement and generates temporary accommodation, strategy and the sizes of the debating of the sizes, and controlled the sizes of the debating of the sizes of the sizes of the debating of the sizes of the

After an application was approsed, word was sent to Alberta House as to the acceptability or otherwise of the applicant. If the applicant was rejected, reasons were given why it was not advisable for him to come to this Province.

With minor ad'ustments and amendments this method of screening has been retained to the present time. It has operated so efficiently and soft-factorily that failures account for a very small percentage among immorants who have some to Alberts under provincial quasiries.

In 1949, 3,563 requests were recorded at Alberta House for information on employment, housing, education, cost of inving, social services, climate, agricultum, indexity, temporation and other man experience of the manufacture of the manufact

were successfully established in the Province during the year.

Alberto House acted as a clearing house for information regarding Alberto. The Faderal Insurgration Branch, transportation compresses and investigencies were provided with up-tro-dead facts of figures regarding Alberto. Insufgration to the Province general by was promoted and guided to a considerable extent by the efforts of Alberto House and the Provinces Immercation Survey.

Known departures from the United Kingdon to Alberta in 1950 tota led 1216. Of this number 178 were single males, 102 were single females, 102 were arried carrians on 356 water children. But for ing troduren constituted the largest occupal and group in 1950. Motor mechanics, stengraphers, occurriants, confirmed substantial immigration

groups.

Due to the increasing demand for workers in amount all categories some screening tests were released, but at the same here any possibility of uncertainty's placement and risk of encountering hard-thips on the port of the immigrant was smooded. This policy of giving the welfare of the prospective risms-ground prior candidated" on even over the needs of floatings in responsible for the success of Alberti's inmini-

gration plan.

The Immigration Buseou was called upon, as it has been since its inception, by immigrants of many notionalities to assist in their establishment in his country. Wand wide inverse in Alberta's, develop-

many au organites (regasts in final) editorisement in successive s

grants absorbed in 1951, and while the greater number were from continental Europe, there was a marked increase in the number coming to Alberta from the United Kingdom.

The number of applications screened by Alberta House and the terrigoration Bureou in 1951 totalled 1001 involving 1642 persons. The number of known emigrant departures from the Jnited Kingdom for Alberta that year came to 2213.

As in force years, folding traduren feet being agreement, because, plantens, plantens, plantens, advanted and electrication constructed that leagues riging occupations rather grow switch construction in 1931. The development of the ox industry recess told the importance of an oxide of oxide and oxide of the construction of an oxide of oxide oxide

Since housing presented the major problem in the settlement of immigrants, a number of highly destroble prospective immigrants wase discouraged from coming to Alberta. Coultion was exercised at all times in avoiding any aggregation of the outer housing shortage.

The known number of emigrant deportures from the United Kingdom to Alberta Increased to 3320 in 1952. This Increase in entityle in emispation was due is several factor. The continued expansion of Industry in the Province, the increase in production of primary and accordary products and a healthy labour cenditions contributed to Alberta's disaptive capacity for increased population by immigration,

Inquiries from prospective immigrants were received from 32 countries while the Immigration flumous science in the actablishment of newcomers of 28 different nationalities.

The number of applications received by Alberta House and referred to the Immigration Bureau In 1952 came to 1449. These applications involved 566 single persons, 1728 married persons and 1198 children for a total of 3492.

Due to Alberta's sepanding economy some of the rigid alection and streeming lists were related to meet the increasing desauth for it'll and use airly infelled workers, Alwest range of occapational groups were declared acceptable in 1922. A slight invision in the canonir of funds troutlerable from steme the control of th

The number of poplications received by Alberta House in 1953 and screened jointly by Alberta

House and the Immigration Durson totalled 1930 involving 607 units persons, 1710 married persons and 1216 old-lifer for tens of 3933, The waters of applications reclaved has shown a stondy amount loncose since the Pouriocial Immigration Program was lounched in 1948, Indicating that Interest in Alberta has not erby been profitabured but not been on the increase with no indications of only Investigation of the Investigation of the

The known number of departures from the United Kingdom to Alberta reached 3683 in 1953, or increase of 363 over 1952.

The influx of immigrants to Alberto was curtailed after the first of October except for depend-

When Alberta House was first opened in the spring of 1948, emigrant departures from the United Kingdom were almost regligible. During the six years that Alberta House has been in existence the entigrant flow has to invested that the letthou of Brinsh temporaris to the Province is now the trust bugbest

The following stantation had been been supplied by the Immigration Brench, Department of Economic Affair, Edmonton, and by the Immigration Brench, Department of Citizenship and Immigration, Oftowa. Figures prepared by the Affairst Immigration Brench deal only with Linted Kingdom emigration to Affairst, his form the Oftowa Branch deal with immigration from of Locariton that Kingdom emigration to Affairst, his form the Oftowa Branch deal with immigration from of Locariton.

Alberto was the destination of only 3.00 per cert of all immigrants to Canada in 1941; in 1949

8,94 per cert of all "immigrants were destined for Alberta. Expressed in obsolute terms immigration to Alberta rose from a row of 287 in 1942 to a high of 13,050 in 1952.

#### United Kingdom-Alberta Immigration Statistics

YEAR	DEPARTURES FOR ALBERTA	ALBENTA HOUSE- LONDON, ENGLAND	RECEIVED	TRANSPERABLE CAPITAL
	No	No.	No.	\$
1949	2,202	875	\$40	1,196,682
1950	1,216	1,762	545	1,250,000
1951	2,213	2,224	1,001	1,805,000
1952	3,320	3,459	1,449	1,915,678
1953	3,683	3,569	3,520	2,096,638

Classification of Applicants YEAR Аденсия типе CLERICAL EXECUTIVE TRADER SEMP-SKILLED AND AND UNSKILLED No. No. No. No. No. 1949 76 75 76 212 101 1950 20 R4 1951 45 112 154 1952 227 351 164 50 1953 23/ 404

#### Invalignation to Canada<sup>®</sup> 1941 - 1952

YEAR	TOYAL IMMIGRATION	DESTINED TO ALBERTA	PER CENT ALBERTA TO CANADA	Year	TOTAL INMIGRATION	DESTINED TO ALBERTA	PER CENT ALBERTA TO CANADA
	No.	No.	%		No.	No.	%
1947	9,329	288	3.08	1947	64,127	3,261	5.08
1942	7,576	287	3.78	1948	125,414	9,715	7.74
1943	8,504	310	3,64	1949	95,217	8,519	8.94
1944	12,801	596	4.65	1950	73,912	6,425	8.69
1945	22,722	1,401	6.16	1951	194,391	12,238	6,30
1044	71 710	5 773	8 04	1052	166 400	72 050	7 02

<sup>\*</sup> Source: Immigration Branch, Department of Citizenship and Immigration.

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TABLE 150; IMMIGRATION TO THE PROVINCE OF ALBERTA, BY RACIAL DRIGIN PROH 1241 7993 1865 1000 201 26

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32

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TOTAL	35	42	90	599	204	4,488	1 689	1,167	1,216	797	1.216	1,504	
AL BANKAN			-							- :	- :		
ARAT AN					-				15		- ;	,	
ARNEH AN													
BELGIAH		-				511	33	119	59	54	14.	16	
BULGARIAN	*								19		31	*	
Serveral.									199	< 84	394	234	
CZECHO- BLOVAK AH							- 12	129	<32	84	104	97	
DAMIES				3		-		312	234	549	404	424	
BUTCH					5	434	346	1,512	1,280	1.000	3 .001	2 752	
BAST INDIAN										1		*	
ESTHÓNIAN						1		75	171	45		96	
FINNERN									10	10	129	17	
PREMIN					IR.	79	30	43	34	3.6	**	39	
GERMAN						-	82	567	1,314	1 132	3 398	3.479	
GREEK								23	86	63	41	54	
RESIDEN						107	87	110	34	49	16	19	
10ELAHDIC											1		
TRANSAN													
TALLAN								166	246	194	296	299	
MAPANERE										,		r.	
MODERATION								344	149	m	334	66	
PETTING							4	945	199	29	55	M	
A THEORNAM							-	561	50	45	54	36	
MARTAN				,		10		61		248	576	Pi	
MALTERE											86		
MEE GAR					-							4	
HEGRO					-						,		
NOTWES AN				,		- 41		79	-	29	115	217	

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TOTAL 1.998 to fat.

FROM UNITED STATES

1,413

SOURCE - IMMINERATION BRANCH

DEPARTMENT OF CITIZENESIS AND MINISTRATION

GRAND TOTAL 5.770 3.261 9.70 1,467 30 354

TABLE 1987 INHIBITION TO THE PROVINCE OF ALBERTA BETWEEN HYPORES OCCUPATIONS (BY SECURE)

	P95-1
and the residence	2,649
UNDERLIE AND BEHILDER, LED	
PERSONNEL PINES	1.210
PEPE NOSAT CHIS GEEN	1.000

BOUNCE : IMMEDIATION DRAW, N DEPARTMENT OF CITIZENSHIP



CEMENT PLANT, EXTHAB



# **PUBLIC WELFARE**

Prepared by:

C.F. Sweetlove, Accountant,

Department of Public Welfare.

# PUBLIC WELFARE

The Public Welfare Branch, commonly known as the Reviel Branch, provides assistance to the needy who have no municipo, essidence. It also provides grants and old to municipolities which have alvan assistance to resident unemoloved ampliovables.

Two hastels for men are mointained at Edmonran and Colgary, where destitute single men without permanent manicipal denti-site one cared for, and a welfare depot is warrielized at Quinn, Alberta, Single been accessful in the redebilitation of femilies for meething them on the land.

### METIS REHABILITATION BRAINCH.

The rehabilitation of the Mails - those of rised Indian and white blood who do not qualify under Indian Act - her been corrected out by the satting asside of treath of lend as Mails Settlemann Areas where the settlers have exclusive fishing, hunting and trapping right, and social services are provided and Government-operated shores will poods of cost price.

## Fiscal Year 1 April 1952 + 31 Merch 1953

FamiliesNo.	370
Total Persons	1,556
Standard Buildings No. Standard Buildings unger construction No.	25
Temporary Buildings	194
Not yet on area	3

## Permanent Improvements Made By Settlers On Allotments

Houses				 							٠	\$	51,708
Other Buildings, Fencing,	W	fel	ŀ		٠.	 			٠.			\$	38,836
Area cleared for breaking		٠.		 						, .		Acres	1,450
Area broken				 								Acres	5,45
Total Value of Improvemen	nhs			 -								S	137,008

### Permanent Improvements and Other Expenditures Made By Province

		Homes for Staff	
Fences, Wells, et	C		\$ 2,322
Cultivated Land .			\$ 1,550
Surveys			\$ 1,340
Roads			\$ 3,600
TOTAL COST.			\$ 71,288

#### Lucestock and Equipme

Livestock and Equipment	
Milk Cover	340
Other Cottle	1,015
Hoos No.	402
SheepNo	71
Poultry No.	1,716
Work Horses	668
Other Horses	136, 435
Value of Livestock	B9, 021

#### CHILD WELFARE BRANCH

Care of children who become work of the province, whether by registed by indenture and agreement, come under the seculture careful of the Child Welfare Commission, They may be placed either in faster homes, in part boarding homes, or in resistantian depending on the individual coses. Melotenance in boarding homes or frastitutions is pared by the province.

Wards Children piaced in free fester homes Legal Adoptions Il legal trace & Frits Amounts received from pubative fothers	No. No. No.	792 798 817 1,240 135 35
Amounts received from putative fathers	\$ 51,1	35 35

#### MOTHERS' ALLOWANCE BRANCH-

The Mothers' Allowance Act was passed in 1919 and became effective in that year,

Mothers in receipt of a lowance	1,524
Children	3,360
Total payments by province Total payments by municipalities	\$ 865,550.60
Total payments by municipalities,	\$ 183,207.40
TOTAL	\$ 1,048,758.00

# HOMES FOR THE AGED OR INFIRMS

The Homes for the Aged and Infirm Act came into effect on March 28th 1945, and provides for the payment of a grant to nunicipalities maintaining either aged or infirm residents in licensed homes.

#### PENSIONS BRANCH-

Since Joseph 1st 1952, the Desirion Government has poid a person from or Old Ago Security, to a person one or Oyagen of ago as he'r to extina qualifications. Since this for Joseph 1962 has the Old Ago Assutance Act, the province pays to persons between the ages of \$5 and \$6^{\circ}\$ recurves, up to a motivant of \$40,000 per most, tackput to nesidental of ordinary sufficiency of which \$50 persons have the result of the Desirion Government. Funds under the Old Ago Assutance Act, are intereded to tide persons over with "year are lightle for the Old Ago Assutance Act, are intereded to tide persons over with "year are lightle for the Old Ago Security Persons.

#### BLIND PERSONS ALLOWANCES

A new Act regarding blind persons allowances became effective or January 1st 1952. Mexirum assistance is \$40,00 per month ofter a mean test. Applicants must have ten years residence in Conado, and be over 21 years of age. The Dominion Government caritisates 75 per cent of the actual allowances.

#### WIDOWS! PENSIONS

Widows between the ages of 60 and 64 (inclusive) subject to a means test and other qualifications, may receive a maximum pension of \$40.00 per month. This pension "s intended to 1"de widows over until they are eligible for assistance from the Old Age Assistance Branch.

Wildows receiving Pensions	No.	529
Amount Paid in Widows' Pensions	\$	148,760,43

### SUPPLEMENTARY ALLOWANCES-

These allowances are paid to recipients of old age persions, old age assistance or those in receipt of blind persons allowances subject to a means test. Prior to April 1st 1954, the maximum supplementary allowance was \$10,00 per month; since April 1st 1954, this has been raised to \$15,00 per month

The cost of the supplementary allowances is charged wholly to the Provincial Treasury.

Recipients of Old Age Security Pensions	No.	18,050
	No.	3,231
Recipients of Blind Persons Allowances	No.	350

ALLOWANCES

TOTAL AMOUNT PAID IN SUPPLEMENTARY 2,559,577,64



OME FOR THE AGES

ALBERTA DOVERNMENT PROTOGRAPH

# **EDUCATION**

## Prepared by:

H C. Sweet, Asst. Chief Superintendent of Schools,

W.E. Finbow, Editor-Librarian, Department of Education.



## EDUCATION

According to the British North America Act, education is a function of the provincial governments. The administration and curricula of schools and universities, backer training, and other facilities for formal education are planned, linenced and controlled by the province.

When the province of Alberto was Someon in 1955, it retained the system of actual ademiatration in our other the former territoring government. New school distract, contrad to be organized an exposurum of settlement one population were much their formetion. Later legislation has given the school divisions consisting of only -nation of violations of the contradiction of the contradic

The control of the affairs of aschool division is placed in the hands of a board of five members, each of whom represents one of the five subdivisions constituting the larger unit.

The divisional boars is given full control of the staffing of the schools of the division and of financing their operation. It appoints the tencher, assign them to the school, pay them that relative, and terminates their contract when this step becomes necessary. The division also is responsible for the exection and care of buildings, and the supply of expigment and furniture as needed.

Four counties have been organized (Counties of Groude Prairie, Vulcan, Pranka, and Newell). In such of these the responsibilities of the elected Council with respect to school administration are similar to those of the Board of Trustees of a school division. Each County Council selects a School Committee from among its members. The School Committee has oversight of school officin and makes recommendations to the Council. The County Council is responsible for the financial administration of the schools in the County.

Provision also is made to protect the interest of Raman Catholic or Protestant school districts in school divisions in which such districts are in the minarity.

The growth of the longer until of finencial colonizations show the 1792's her woulded no growthe accorange and efficiency of questions, and has been concengrated, especially in the years since the work joy a notable apparation of shoot facilities in the rural caves of the previous. The common to the larger, softens, well-recognized condequately-relief care-chicked school, I which positifs from outlying districts are innegated ability by bus. In the three years penedating June, 1933, the motion of color to 6532. Self-time of the color of the

Familiating the expansion and carbol lastino of school facilities there has been a steedy serpermiser and excitoshment of the curriculum, and in nationage flexibility with a view to extend ground objectively the curricular needs of the whole activate population. Particularly noiseworthy has been that objectively the curricular needs of the whole activate population. Particularly noiseworthy has been that the property of the divident. In 1923-23 there were 155 specialists in horse accordance of crucial fristyncian of the result of the province, 172 specially excapped hower exconnects complying on her public schools of the youth here were 144 invasival out in harvotoxy. 156 school shops, and heavy-wave slop circuits. The crucies in guidence and covariating services, you principly in the larger schools of the provinces.

high school (Cited William) and the past few years has been the general adoption of the junes high school (Cited Will III of 2) are separate learning with separately displated to the seek of certy fit in the past of the cited will be seen to be seen to the cited will be seen to be seen

A typical axiomple of the composite logs school is that of fad Deer, where, in addition to the full full processing account of the composite specific control of the composite specific control of the composite program is not confined to the large stackable, even in the smaller rund who can be confined to the large stackable, even in the smaller rund high school of the parence, either long-the position of course is still considerable apportunity for adjustment of the school program to make including the parence, either large stackable apportunity for adjustment of the school program to make the parence and parence are stated as the parence and parence are stated as the parence and parence are stated as the parenc

Badio and film two become an important entitiesy to instruction in Alberta. A requirty of the classroom of the province at two new puoped with rediols, bulgest covered by fixed broadcasts in the clock history, current events, Intentives, mass, or it, longuage, leastlint, guidance, and science, in 1292-233, hereby, asserts of redio broadcasts comproving 948 aspected broadcast proofs were made oversatills in the some year, the Audion "Viligal Anal Broadcast of the Department of Education covidend oversatilist in the some year, the Audion "Viligal Anal Broadcast" of the Department of Education covidend (Tilleaning in 1954-276). Fill filments, in 1405-276.

The fact that compared by the policy of excitors at the present here is the abstrage of teacher. The fact that compared by the policy are sufficient on policy ancientation described on the fact schools remaind from outlying uses, used the provision of correspondence covers. Correspondence school enrollment, for the years (1974), compared 3, 454 or interneting pression, 1,220 in prince the production of the year (1974), compared 3, 454 or interneting pression, 1,220 in prince the production, of the prince of the pri

The intervice training of teachers has received considerable attention and varies from planting institutes, and workshops cultimating in convention programmes to improved supervision, clinics, and abory facilities. Teachers are encouraged to offered summer schools, table extramonal classes, and purise advanced studies in their fields of specialization. There is apportunity for a limited number.



We make the design of the contract of the cont

A networkly feature of the Affects paceational system in the School-Took Beneck of the Deportment of Educations, which has developed not the length of the best of books west of Tooks in maintains, the upply of all text and reference books to the school of Affects, and what text eventeble to popil is cost. The tool of all text and self-sence of the school of Affects, and what text eventeble to popil is cost. The tool of all text and self-sence of the school of Affects and the state overtile to popil is cost. The tool of all text and self-sence of the school of Affects and the

The provincially controlled schools in Alberta represent an investment in fixed assets (1953) of more than \$10,000,000, and involved a total operating expenditure, in the  $1952 \, f_{15}cal$  year, of \$38,179,788,54

# NIGHT SCHOOLS

In Calgary and Edinorton evening classes for adults are conducted from October until April in each schop year. There are classes in practical and vocational subjects and in high school netriculation subjects. Exemple classes in Anni and Robustrally, in Indicated Arm, and Home Economics are provided in ten additional school certifies, and in Commercial subjects in seven certifies at low center provided in ten additional class in Alexang, of four, classes in Advictional Rigidation. Classes in Basic Cellab.

# more than twenty-five school centres. MIVATE AND INDIAN SCHOOLS

There are some using "eight or valte schools in Alberta Moul of these follow the Alberta programmed studies. Fifteen of them have serven high school departments which are inspected and accredited by the Department of Education. Most of these schools are sensimented by religious originations in addition, there are a number of private bourness callapsis Indian schools are also existed in the accounts these are under the advantation of the Decisions Government.



ALBESTA BOYERSHENT PHOTOGRAPH

# TABLE 160. - DISTRIBUTION OF SCHOOL DISTRICTS IN EXISTENCE ALBERTA, 1952-53

	TO JUNE 1952	1952-53	
NUMBER OF SCHOOL DISTRICTS IN THE PROVINCE, INCLUDING UNITS IN CONSOLIDATED SCHOOL DISTRICTS	3,990	4,008	
NUMBER OF CONSOLIDATED SCHOOL DISTRICTS IN THE			
P	40	40	

NUMBER OF SCHOOL DISTRICTS IN CONSOLIDATED SCHOOL Districts -----145 145 NUMBER OF SCHOOL DIVISIONS AND COUNTIES IN

58 58 EXISTENCE ----

TABLE 161. - PARTICULARS OF SCHOOL DISTRICTS, SCHOOLS IN OPERATION, ETC. ALBERTA, 1905-1953

YEAR School Яснось Rooms AVERAGE Desysiers OPERATION PERCENTAGE

OF SCHOOL OF SCHOOL LENGTH
DIVISIONS DISTRICTS OF EXISTENCE

					Counties	1200	11110.00.00
	No.	No.	No.	No.	No.	DAYS	%
1905	602	476	628	SCHOOL D	IVISIONS	178,4	
1910	1,501	1,195	1,610	(ORGANIZE		158.3	

	No.	No.	Mo,	No.	No.	DAYS	70
1905	602	476	628	SCHOOL D	DIVISIONS	178,4	
1910	1,501	1,195	1,610	(Organize	D IN 1934)	158.3	
1915	2,478	2,138	3,082	COUN	ITJES	181,5	
1920	3,215	2,826	4,289	(ORGANIZE	D IN 1981)	183.0	82,76
1921-22	3,367	2,861	4,485			187, 7	85,61

1915	2,478	2,138	3,082	COU	NTIES	181.5	
1920	3,215	2,826	4,289	(Organiz	ED IN 1981)	183.0	82,76
1921-22	3,367	2,861	4,485			187, 7	85, 61
1926-27	3,515	3,124	4,977			188,4	86,56
1931-32	3,788	3,395	5,729			195,0	90,02
1936-37	3,926	3,542	5,935	22	1,491	191.1	88, 21

1936-37	3,926	3,542	5,935	22	1,491	191, 1	88, 21
1941-42	4,001	3,625	6,327	50	3,489	179.9	91,62
1942-43	4,008	3,277	5,988	49	3,515	191,9	88, 29
1943-44	4,012	3,852	5, 603	52	3,558	184,9	89, 36
1944 45	4,022	2,595	5,419	54	3,615	180,1	90, 14
1945-46	4,034	2,722	5,716	55	3,639	191,2	89, 73

1944-43	4,000	3,2//	2, 365	49	3,515	191,9	88, 29
1943-44	4,012	3,852	5, 603	52	3,558	184,9	89,36
1944 45	4,022	2,595	5,419	54	3,615	180,1	90, 14
1945-46	4,034	2,722	5,716	55	3,639	191,2	89, 73
1945-47	4,041	2,659	5,828	57	3,701	188.3	89,44
1947-48	4,046	2,550	5,811	57	3, 734	191.8	90, 18
1948-49	3, 950	2,459	5,915	57	3,754	193,9	90, 15

1945-46	4,034	2,722	5,716	55	3,639	191,2	89, 73	
1945-47	4,041	2,659	5,828	57	3,701	188.3	89,44	
1947-48	4,046	2,550	5,811	57	3,734	191.8	90, 18	
1948-49	3, 950	2,459	5,915	57	3,754	193,9	90, 15	
1949-50	3,965	2,302	6,050	57	3,776	189.1	90,79	
1950-51	3,979	2, 136	6,232	58	3,799	189, 9	88, 79	

1948-49	3, 950	2,459	5,915	57	3,754	193, 9	90, 15
1949-50	3,965	2,302	6,050	57	3,776	189.1	90,79
1950-51	3,979	2, 136	6,232	58	3,799	189, 9	88, 79
1951-52	3,990	2, 137	6,392	58	3,811		90, 94
1952-53	4,008	2,036	6, 552	58	3,827		91,95

TABLE 162.	-ORGAN	ZATION OF	SCHOOLS	- ALBERTA	. SEPTEM	BER 1952	- JUNE 195	3
1952-53	4,008	2,036	6, 552	58	3,827		91,95	
1951-52	3,990	2, 137	6,392	58	3,811		90, 94	
1950-51	3,979	2, 136	6,232	58	3,799	189, 9	88, 79	
1949-50	3,965	2,302	6,050	57	3,776	189.1	90,79	

3 Page ----

1 248

2.036

189.081

170

26

NUMBER OF 1-ROOM SCHOOLS

TOTAL NUMBER OF SCHOOLS --

TOTAL ENGGLMENTS

NUMBER OF MULTIPLE ROOM SCHOOLS-

0	RGANIZAT	ON OF SCHOOLS GE	NERAL-SEPTEMBER,	1952 JUN	IE, 1953
NUMBER OF	CLASSROOM	- ELEMENTARY (GR.	ADES 1 - 6)		3, 173
			ADES 7 9)		1,053
		SENIOR HIGH SCH	DOL (GRADES 10 - 12) -		827
			JUNIOR HIGH		1,301
		JUNIOR HIGH AND	SENIOR HIGH		166
		ELEMENTARY, JUR	HOR AND SENIOR		32
		TOTAL-			6,552
Tan - 163	CI ASSES	OMO AND ENDOLATE	IT IN PRIVATE SCHOOL		W- 1070
				LS - ALBER	1A, 1933
<b>N</b> имвен ор	CLASSROOM	IN PRIVATE SCHOOLS,	1953		
					93
		GRADES X TO X11			87
_	_				
ENROLMENT	OF PUPILS	IN PRIVATE SCHOOLS, 19	153— 1		
			1		2,070
		GRADES 1X TO X	11		1,406
TABLE	164. —ENF	COLMENT OF PUPILS	AT SCHOOLS IN ALB	ERTA, 1905	-1953
YEAR	<b>N</b> ина кл	YEAR NUMBER	YEAR NUMBER	YEAR	NUMBER
1905-06 -	28, 784	1917-18 - 111,109	1929-30 - 168,076	1941-42	161,569
1906-07 -	34,338	1918-19 - 121,367	1930-31 - 168,730	1942-43 -	157,506
1907-08 -	39,653	1919-20 - 135,750	1931 32 - 170,795	1943-44 -	151,985
1908-09 -	46.048	1920-21 124,328	1932-33 - 171,445	1944 45 -	152, 532
1909-10 -	55, 307	1921-22 142,902	1933-34 - 172,040	1945-46 -	155,455
1910-11 -	61,650	1922-23 - 148,045	1934-35 - 167,954	1946-47 -	155,517
1911-12 -	71,044	1923 24 - 147,373	1935-36 - 167,193	1947 48 -	
1912-13 -	79,909	1924 25 - 147, 796	1936-37 - 167, 950	1948.49	160,821
1913-14 -	89,910	1925-26 - 150,526	1937-38 - 166,664	1949-50 -	167, 790

TABLE 165. -ENROLMENT AND ATTENDANCE, DIVISIONS, COUNTIES AND DISTRICTS, ALBERTA, 1932-1953

1938-39 - 163, 241

1939-40 - 163,892

1940.41 - 163.425

1950-51 - 173, 969

1951 52 - 179, 691

1952-53 189,081

1926-27 - 154,380

1927-28 159,086

1928-29 - 164,850

1914-15 97, 286

1915-16 99, 201

1916-17 - 107,727

	ALBERTA, 19	52-1953	
	ENROLMENT	No, or Boys	No. of GIRLS
(1) DIVISIONS AND COUNTIES	100,419	51, 292	49, 127
(2) NON-DIVISIONAL DISTRICTS			
GITY	54,302	27,558	26,744
Town	12,850	6,406	6,444
PR,C, SEPARATE	12,438	6,117	6,321
VILLAGE	2,767	1,404	1,363
CONSOLIDATED	2,486	1,263	1,223
RURAL	3,819	1,999	1,620
	189,081	96,039	95,042

<sup>.</sup> INCLUDES ALL R.C. SEPARATE SCHOOL DISTRICTS - CITY, TOWN, VILLAGE AND RUBAL

GRADE 11 -----

Grant [11 ......

Gier e

Boya

GIALE

294				
TABLE 166. —		GRADE AND AGE	- ALBERTA, AS AT JUNE 1, DED JUNE 30, 1953	1953,
GRADE 1	Воув	13,199	PERCENTAGE OF ENROLMENT 13,40	MEDIAN AGE 7.11

12, 154

10.743

9, 751

10 670

10.83

10 77

8, 28

9 35

	GIRL #	9,713		
GRADE 1V	Bove	10,465	10, 75	10.43
	GIRLS	9,699		
GRADE V	Boys	9,500	9. 81	11.47
	Giri, a	9,051		
GRADE V1	Boys	9,084	9, 25	12,53
	GIRLS	8,421		
GRADE VII	Boys	8,384	8,69	13,54
	G1RLS	8,064		
GRADE V111	Bove	7, 183	7,65	14.49
	GIRLO	7, 299		
GRADE 1X	Bove	6,009	6,68	15,42

Ginin GRADE X Boys 5.09 4.383 16, 28 GIRLA 5, 254 GRADE X1 Bove 3, 294 3.80 17, 19 Girca 3.905 GRADE X11-----Bove 3, 125 3, 28 18.37

GIRL O 3,092 GRAND TOTALS-189, 081 100.00 11.66

TABLE 167. - FIXED ASSETS OF ALL, SCHOOL DIVISIONS AND DISTRICTS IN ALBERTA

AS AT DECEMBER 31, 1942 AND 1952 (APPROXIMAYE) 1942 1952

\$ 61,689,508.42 LAND AND BUILDINGS 21.342.852.42

FURNITURE AND EQUIPMENT 3, 174, 164, 58 5,330,274.06 392, 143, 28 513, 438, 86 BUSES AND TRUCKS 1,687,780,50

\$ 24,909,160.28 \$ 69, 221, 001, 84

TABL # 168.

EXPENDITURES OF SCHOOL DIVISIONS, DISTRICTS AND COUNTIES, 1952 DIVLERONS \$ 21,353,776,22 11,740,868,05

Town School Districts -----2, 106, 173, 79 VILLAGE SCHOOL DISTRICTS 489, 831, 37

CONSOLIDATED SCHOOL DISTRICTS ------673, 404, 77

Russi School Districts 601, 348, 62

Countries 1, 214, 385, 72

TOTAL EXPENDITURES FOR 1952 ..... \$ 38, 179, 788, 54

### 

TABLE 169. - DEBENTURE BORROWINGS - ALBERTA, 1982-53

TOTAL CAPITAL PROJECTS INITIATED, JULY 1, 1952		
то Јинк 30, 1953		9,225,900.00
GRANTS FROM PROVINCE OF ALBERTA TO ASSIST		
BOARDS IN ERECTION OF SCHOOL BUILDINGS	5	2, 229, 650, 00
DEBENTURES SOLD TO SCHOOL LANDS TRUST		
Funo	\$	2,380,075,00
DESCRITURES SOLD ON OPEN		
MARKET	\$	3,851,450.00

TABLE 170. - PUPIL TRANSPORTATION - ALBERTA, 1952-53

UNDER CONTRACT --

1,077 1,487

#### LINIVERSITY OF ALRERTA . FIDMONTON

ORIGINAL FOUNDATION-1906,

PRESENT CHARTER— 1910

AFFILIATION TO OTHER UNIVERSITIES- OXFORD, McGILL AND TORONTO,

FACULTIES—ARYS, SCIENCE, LAW, AGRICULTURE, ENGINEERING, MEDICINE, DENTISTRY,

COLLEGES, ETC., AFFILIATED WITH UNIVERSITY OF ALBERTA-St. STAPHENIA.

ST. JOSEPH'S, AND THE SCHOOL OF NURSING AT THE UNIVERSITY MOSPITAL OF EDMONTON,

THE FACULTY OF EDUCATION AT THE INSTITUTE OF TECHNOLOGY AND ART, AND THE MOUNT

ROYAL COLLEGE IN CALGARY,

THE BANFF SCHOOL OF FINE ARTS AT BANFF.

PHARMACY, EDUCATION, THEOLOGY, ACCOUNTANCY,

TABLE 171.— ENROLMENT OF STUDENTS - UNIVERSITY OF ALBERTA, 1911-1934

YEAR ENROLMENT YEAR ENROLMENT
No. No. 1911-12 129 1933-34 1775

		No.				No
1911-12		129		1933-34		1775
1912-13		185		1934~35		1811
1913-14	~	333		1935-36	****	1985
1914-15		434		1936-37		2069
1915-16	***********	418	***************************************	1937-38		2096
1916-17	***********	335		1938-39		2175
1917-18		339		1939-40		2327
1918-19		618		1940-41		2254
1919-20		1103		1941-42	*******	2045
1920-21		1106		1942-43		2113
1921-22		1285		1943-44		2023
1922-23		1314		1944-45		2679
1923-24		1341		1945-46		4811
1924-25		1254	**	1946-47		5914
1925-26		1257	***********	1947-48		6207
1926-27		1298		1948-49		6660
1927-28		1536		1949-50		6247
1928-29		1501		1950-51		5919
1929-30		1560		1951-52		5558
1930-31	~	1790		1952-53		5812
1931-32	***********	1938	************	1953-54		6070
1932-33		1965				

(Totals from 1945-46 on, include registrations at both the regular winter session and the summer respice )

# TEACHER - TRAINING INSTITUTIONS

THE NORMAL SECIONAL AT CALARY AND EMPORTOR MAY STEM ARRORSO BY THE COLLEGE OF EMPORTOR, DEVERSOR OF ALBERTS, OR DITE ALL TEXTERS—IN-TRAINING SECION OF ALL TEXTERS—IN-TRAINING SECION OF ALL TEXTERS—IN-TRAINING SECION OF ALL TEXTERS—IN-TRAINING SECION OF ALL TEXTERS OF ALL TEXT

TABLE 172. — ENROLMENT OF STUDENTS AT FACULTY OF EDUCATION, CALGARY
AND EDMONTON BRANCHES OF THE UNIVERSITY OF ALBERTA,
1984-9 TO 1993-54

YEAR		No.	YEAR	YEAR ENROLMENT No.		YEAR	ENROLMENT No.	
1948-49	-	1111	1950-51	_	1065	1952-53	_	965
1949_50	-	1123	1951_52	_	984	1953_54	_	* 1025

<sup>\*</sup> Calgany (269) - EDMONTON (756)

3, 927, 64

3,428,00

3 108 87

2.723.95

3,637,96

2, 770, 17

2, 142, 77

2,911,07

2, 288, 17

2, 252, 87

Avenage

1952-53

SALARY RATE

2, 936, 91

2, 738, 18

2, 862, 61

2, 296, 99

1,554,37

SALARIES PAID

1,500

1,350

NUMBER OF

TEACHERS

No.

7, 138

4.203

2, 161 \_\_ 3.462.01 2.839, 20

106 \_-

108

201

1952.53

Tracuras Higgs

8,500

3,900

5,000 2,100

No. s \$ \$

909 9, 430 1.400

224 6 500 2 040

798

225 3 580 1,700 2, 294, 11

64 4.175 1.800

AVERAGE

1951-52

s

SALARY RATE

Acade	міс, Н	han Sc	HOOL A	ND -

TEMPORARY LICENSE AND JUNIOR -

ELEMENTARY AND INTERMEDIATE

ALL SCHOOLS THROUGH THE

DIVISIONS AND COUNTIES -----

V... ages -----

CONSOLIDATED SCHOOLS ---- -

CITIES AND TOWNS

VILLAGES ----

R.C SEPARATE SCHOOLS

Public School Districts CITIES AND TOWNS

LETTER OF AUTHORITY

AND FIRST

SECOND

PROFESSIONAL	
STANDARD E. STANDARD S AND JUNIOR HIGH	
ELEMENTARY AND INTERMEDIATE	

Mare

Marie

Marie

Mar -

MALE

MALE

TEACHERS

No.

2.000 ---3, 276, 46

1951-52

FEMALE 466 5,500 1.200

Female 490 4.200 1.400

FEMALE 2174 5.635 1.150

FEMALE 928

Frun Rn9 4,110 1,000 2,672,00

FEMALE 294 3,800 1,400

TABLE 174, -AVERAGE SALARY RATE OF TEACHERS - ALBERTA, 1951-52 AND 1952-53 NUMBER OF

6,938 -- 2,708,75

4,199 -- 2,487,02

114 -- 2,616,86

112 - 2.700.33

388 -- 2, 202, 57



301

## MINICIPAL GOVERNMENT

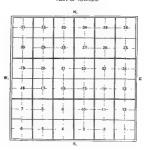
Under the provisions of the British North America Act certain, responsibilities are vested in the Provinces and they in turn by Provincial Acts create and despets some of these duties to their respective organizations of municipal government. While the main types of municipal sites are common to most provinces there is lift e or no similarity from the standpoint of prerequisites to incorporation, either as to area or population. In fact, some provinces have no specific requirements in this regard. There are, nevertheless, two main d'visions into which municipalities may be grouped - urban and rura: - each of which displays more or less distinct characteristics. In Alberta the urban comprises Cities. Towns, Virlages, and the rural. Counties, Munufool Districts, Improvement Districts and Special Areas.

As provided by various Provincial Acts, it is the paricy of the Provincial Government to encourage the people to accept local self-government as soon as 11 is economically feasible for them to do so. However. Alberta having agined provinced status in 1905 as a comparetrively young province with large sparsely settled areas in which the Provincial Government must assume the responsibility for government. Thus we have Improvement Districts and Special Areas under direct Provincial Government administration,

The Reeve or Mayor. Councillors and electors of each of the other types of municipalities are corporate bodies exercising the powers conferred upon them by the appropriate Provincial Act and subject to all the light tries of a Composition, Each must maintain an office and appoint a secretary treasurer. assessor, auditor and other required officials except in the case of Cities which must associate a City Clerk. City treasurer, assessor, solicitor and auditor and may appoint other required officials,

Under the Dominion System of land survey the Province is land out in townships or great six miles square which are further subdivided into thirty-six sections, each one mule square with each section divided into its four quarters. Northerly from the International Border, Townships are numbered consecutive y from one up, and commencing in the south east corner, the sections within each Township are numbered as Fallows:

#### PLAN OF TOWNSHIP



Pror to 1942 the Province was, insofer or physical characteristics would permit, dissided into over four handred must Manicaged and Improvement districts, each on the average nine townings square. In the face of angle great his order processed. Government in other year after represents represents and the processes of the proces

All rural municipals eases the some master as they are simply areas of lend bounded by quarter sections, sections to extend these areas of horse to bounded by quarter as overage them?" eight and a half townships to over nine hundred townships in one extremely sported population on their insprovement District.

Special Areas one comprised of former Manicipal Districts dissolved during the drought partied of the 1993's and together with copying represented Districts, entablished as Special Areas. These manations administrated by a Board-appointed by the Government under the production of the Department of Manicipal Marins. That Incentify they consisted of these areas, one of these areas of the are

Improvement Districts are areas that have not attained a sufficient degree of development to become self-governing. They come under the direct supervision of the Department of Municipal Affairs. At the proper travel the Municipal Affairs, may and sow motion or upp a recept of a persion in a prescribed form from the resident owners of lond-within the area level ved, form any of these districts or parts of them into Municipa. Districts.

Manicipal Datrictions incorporated roat inten definitiesed by on elected Council with food unbowny in suncipal meters. On an everage, each direct at divided that seem aleated deviation, each or near as practically possible, equal in stee, population and sussess valour. The Council is a continuing body with each Council less desired for less yet returned the terms to correspond that one which the council is a continuing body with each Council less elected for other yet returned the terms to correspond that one with third of the sector become vector yet. At the first Council meeting such year the Council elect one of their remember as Rever or first executive official or this district.

Counts are a recent development and Alberta, the First howing been arganized in 1951. They are a raw opposed to the managerian dearmoning confident with best Michael Donichs, All impact (pail and chool writers are directly under the control of the County covers, such service being administration of the control of the County covers, such service being administration of the control of local and greverment the control of the

Small settlements that are notural centers of business and social life exist and spring up from time to time throughout the province. They are called hamilets and come under the presid cition of the rural district in which they are situated. The Ministerial of the Department of Municipa Affairs may on his own motion or upon receipt of a pet tion from the proprietory electors form into a village, a hamilet that this fifty of more separate occupied buildings.

Villagas, (138) have local authority within their borders independent of the rural district. They are governed by an elected Council of three which is a continuing body with the membry elected for a three year termand the terms of office so principled that one new members is elected doubt year. The members of all Y libras Council all promoting his continuing body is a facility of the council of the continuing body in the council of the continuing body in the council of the continuing the continuing the council of the continuing the continu

Towns, CZI as the name implies are orger urban centers. If a village has twen handred or more inelabilities I may by Called of the fuestioned "Geometran" accusate lossone a twen after people by two thirds of the proprietary electars velting thereon or a special meeting called for the propose of forming the village into a town. They are governed by a Council which is a continuant body continuant between the continuant body c

Crise, (f) pairs to 1939 were formed one operated union undividual clusters granted by the Provincual Government. Effective Journal yi, 1952 the Privation passed the Code Act hereby provincing a uniform statute regarding crise. The Convect of a form with a population in excess of 3,000 persons may by analthorous for the Amsterd of Man road Affairs to scenamined that the Laurenter-Covernment Covernment of the Code Affairs to scenamined that the Laurenter-Covernment Covernment of the Code Affairs to scenamined that the Laurenter-Covernment Covernment of the Code Affairs to scenamined that the Laurenter-Covernment of Covernment of the Code Affairs to scenamined that the Laurenter-Covernment of Code Affairs to Section (Affairs Code Affairs Code Affairs

104, 999, 888

44,719,782

26, 070, 254

385, 051, 342

61, 439, 773

1952

5, 148, 614

1,966,977

1,297,436 19,605,158

2, 392, 861

52, 476, 248

\$ 978, 122, 028

Towns

Vallege

Chucruré

Trens

VILLAGES

COUNTER

MUNICIPAL DISTRICTS ...... IMPROVEMENT DISTRICTS ......

MUNICIPAL DISTRICTS ......

IMPROVEMENT DISTRICTS ...

TOTAL

TOTAL .....

As in other organized municipalities the Council is a continuing body with the aldermen holding office for two year terms and with the terms arranged so that half the required number must be elected annually. Following is a comparison over a ten year period of some of the pertinent figures related to municipa administration. Recognition should be at

municipa administration. Recognition cities, the number of municipalities in			
	POPULATIO 1943	N <sup>4</sup> 1947	1952

Cryses	***************************************	230,904		260,927		351, 541
Тоння		58,505		61,635	*******	103,580
VILLAGES	***************************************	37,905	************	41,476	********	42,697
c						24.022

Countries ..... 346,543 305, 624 300, 282 MUNICIPAL DISTRICTS ...... 144 674 112,857 91,480

IMPROVEMENT DISTRICTS ......

\* POPULATION RESIDING ON INDIAN RESERVES, IN NATIONAL PARKS, IN SPECIAL AREAS, ON THE ARMY

EXPERIMENTAL RANGE, ETC. NOT INCLUDED IN ABOVE FIGURES.			
ASSESSMENT 1943	1947	1	952

ASSESS	MIDST	
1943	1947	1952

\$ 148, 903, 091 ....... \$ 187, 778, 576 ....... \$ 355,840,989 CITIES

> CURRENT TAX LEVY 1943

43, 246, 939

30, 187, 269

328, 835, 216

68, 645, 962

1947

10,340,860 ..... \$ 22,065,202

2,221,120

1,350,252

12, 378, 717

2, 189, 138

28, 480, 087

\$ 658, 693, 967

30, 968, 117

21, 151, 971

288, 274, 373

69, 222, 473

7,846,348

1,505,961

429,890

7,401,377

17,821,966

638, 390

\$ 558,520,025

MUNICIPAL DISTRICTS

IMPROVEMENT DISTRICTS .....

	1943		1947		1952
CITIES	\$ 12,008,793	**********	\$ 7,823,968	*********	\$ 7,448,739
Томна	2,467,911		2,359,189		z, 640, 932
VILLAGES	1,004,273		883, 874		796,006
Counties					763, 775
MURICIPAL DISTRICTS	15,265,767	**********	8,560,234		9, 258, 217
IMPROVEMENT DISTRICTS	1,448,358		3,408,445	**********	1,913,704
TOTAL	\$ 33,195,102		\$ 23,035,710		\$ 22,841,373
	DEBEN 1943	TURE DE	9T 1947		1952
C171K8	\$ 39,635,822	*******	\$ 29,295,322		\$ 72,222,077
Towns	1,478,224	***************************************	2,592,536		9,458,695
VILLAGES	31,536		105,330	*******	2,070,137
COUNTIES					823, 585
MUNICIPAL DISTRICTS					
IMPROVEMENT DISTRICTS		********		********	
TOTAL	\$ 41,145,582		\$ 31,993,188		\$ 84,574,494
INV	ESTMENT IN GE 1943	NERAL F	IXED ASSETS 1947		1952
Сітіка	\$ 30,470,457	********	\$ 25,435,354		\$106,092,632
Томна	1,738,689		2,948,265	,	8, 265, 568
VILLAGES	796,954		1,136,084	*********	2,480,945
COUNTIES				*********	4,534,065

7,394,122 .........

\$ 40,400,222

12,568,814 ......

\$ 42,088,517

24,030,949

\$ 145,404,159

TAX ARREARS



CITIES





EDMONTON

## ALBERTA CITIES

### CALGARY

Collapsy was so nomed in 1986 at the suggestion of Col. Mocland, who the year before, as the commancing officer of the Royal Nothin West Mounther State, ordered the building of a first at the confluence of the Bow and Elbow Rivers, a site which he had previously selected. The nome is derived from it is not home existence in the Let of Milk, Secretar and set also seen "Clear norming wester". Called in collapse selection of the Let of Milk, Secretar and the Secretar State State opportunities) 840 at less vest of Winniger, 650 as a seast of Viorcours, 138 miles north of the boundary fine between Connection of the United Section of America, and off Prolet from the format Netforcol Milks.

In 1887, Calgory was merely on subpast for out on letters 1991 fod a population of only 4, 691. Today 1 he is a speciation of each 1990, 600 and has substituted in their at the headquarter for a hilling of the letter of the substitute of the second control of the

Calgory is noted as a financial centre and although "t ranked ninth in Canadian cities in population It ranked fifth in money transactions with a turn-over in 1953 of slightly over \$5 billion.

Cardiagn is asceptionally well served with transported on facilities. It is not he sold like of the Cardian Refulls Reliavely A.C.P.R. is meastened on the Edemanton where it consecuts within hardman A best facilityer to the Resca Nerve country, and sooth to Leithings and connects with the Likin-Refulls costs in International boundary. The Cardians Net Fordial Reliave cross in International boundary. The Cardians Net Fordial Refulls or costs in International boundary. The Cardians Net Refull Refull surfaced ords maning north and south, Trans-Cardia Air Lines and Cardian Restlife Air Lines both serve Co.pary.

The City of Calgary has a moders aligned with four unwarp fully equipped for flying and included boundary, approach, covered, shirtchina and castillar lights, revolving season and an illuminated wind took. The original is fully lighted for night flying operations and is equipped with instrument loading system to face little loadings in conditions of poor varieties. As of this equipped is made on the original instrument loadings on one or more points. The sufficient controlled from one or more points. The sufficient controlled original in the casting of the city, and is not than man highers to Edit the centre of the city, and is not than man highers to Edit the.

Calgary is famous for its Stampede held the second week in July. The attendance in recent years has exceeded 400,000 people.

## EDMONTON

Cooled mars the geographic centre of Alberts on the North Soularchieven Kiver, Education is eq. (divirum form the gent appears of the Positifs cannied conduct a read-central in the greatery to the vest involves and development of the North West Earnbreas: Education has become a focal point that indicatives, Liableau and Alberts and Alberts

Education is located near the centre of a rich against leave froming district and trinkward portford. A though the around precipitation is only about 18 riches, we writing of this precipitation is only about 18 riches, we writing of this precipitation comes during the growing season which senses successful and rewording farming. Albert's greet agricultural incuty is the growins taged factor government, Education's exceeded sability, he will proceed growth and belonced general prosperity. A further measure of prosperity is odded by other permanent beau industries are a turbering, enfining and fulfiling.

Added to this, the obsent of oil has subseted in a new ero of industrial devalopment and Edination's population has been increasing since 1948 at a cate estimated "a excass of 1,000 per month on the average, the industrial development and sound accessive position give every assurance of parameters."

tives is a strong determining factor in industrial location. The city owned electric power plant has recently increased its output to 90,000 K W hours and another addition of 30,000 K W is presently under construction (1954). Edmonton has an excellent all-year round source of water supply from the North Saskatchewan River The trend toward the erection of manufacturing plants in Edmonton guarantees the healthy economic social devalopment of this city. Two hundred five million dollars worth of goods were produced in

Edmonton's plants and shape in 1952. The increase in payrolls and population increases the area's consumer market capacity and further stimulates production and commerce on a sound prosperity cycle.

To meet the increasing demands for industrial sites both with and without private milway siging the city has opened up large undustrial areas and is making plans for further industrial accommodation.

Edmonton became headquarters for the femed "bush pilots" in the 1920's and has now become an air centre of commercial significance. Approximately 4,000,000 pounds of air freight pass through Edmonton annually. At present, northern oir traffic is bandled through the facilities of the Edmonton pir-port. A network of provincial highways radiates from the city. Three railway systems, the Northern Alberto Railway, the trans-continental Consditto Nationa, Railway and the Colony-Formation broath of the Canadian Pacific Railway converse on Edmonton and handle some 2,000,000 tors of freight wearly.

Edmonton's progressive Civic Admin'stration carries on a constant and comprehensive programme of planned expansion and modernization of municipal services. The various city owned and city operated public utilities are being constantly enlarged to keep pace with Edmonton's general growth and develop-

The city Industrial Commissioner's Office, set up to encourage and guide industrial development in Edmonton, renders valuable assistance and gives timely information to help manufacturers and others interested in Edmonton and the apportunities offered.

World wide telegraph and cable connections are provided by the Canadian National and the Conadian Pacific Telegraph Companies. Five radio stations offer a wide variety of services and enter tornment with intellectual, social and commercial programmes. Planning for a television station is well advanced (1954). The city owned and operated automatic telephone system number over 60,000 telephones and the Alberta Government Te ephone system provides Jona distance service and connects with the trans-Canada telephones to give continental coverage. Canada's Pacific North West and the Western Arctic are served by an elaborate and far flung and interlocking communications system

In addition to a school system of some 80 schools the University of Alberta has been established and growing with the city for over 50 years. The University compus covers over 300 acres, the University farm over 800 acres. Located on the campus of the University are the Alberta Research Council, Industrial Laboratories and the Provincial Laboratory of Public Health and various branches of the Federal Government's research amonuzation

The city has a total of 2,250 acres of parks and playgrounds. Edmonton is within driving distance of both Jasper and Banff National Parks, and Elk Is and Park some forty m'les to the east is a convenient distance for summer trioners.

The city is served by an efficient city police force and an alert fire fighting organization and 8 modern haspitals in addition 38 branches of Canada's seven established banking systems plus three Provincial Treasury Branches, have been established. Over 150 churches representing numerous denomin nations of the three major faiths, Christian, Jewish and Mohhatimedon, serve the spirituo needs of the

various racial strains that make up Edmonton's population

According to the Dominion Bureau of Statistics 1951 Census of Retail, Trade figures the Edmonton metropoliting and boasted 1, 536 rates outlets which had a net volume of turnover of \$215, 329, 300

#### LETHERIDGE

The City of Lethbridge is named after Sir William Lethbridge, the first president of the Northwest Coal and Navingtion Co., Ltd. From to 1885. It was called "Coal Banks" because of the deposits of coal which Nicholas Sheran first worked.

Lethbridge is known as the "Irr action Capital of Capada" and because of its wide streets and well-



centre for southern Alberta and southeastern British Columbia. It is the C.P.R. divisional headquarters for the Letheridge Division, and less redisting from it five brench intex which service the important farming, stock nikiting, coal limiting and best growing areas which surround tetherings, in addition to a network of railways and hardness-faced highways, cethoradge is served by T.C.A. and bus lines.

About 60 miles to the southwest of Lethoridge lifes the huge Pincher Creek gas cap with its estimated 3 1 trillion cubic feet of natural gas which, together with the mineral resources it contains, is valued at \$600,000,000

The growth of aethoridge in the last few years has been phenomenal, in 1944 the population was 12,946 on normal sets at strict the process that the description was 12,946 on normal sets strythese per cent in eight years. Book clearings in 1942 were \$46,879,000, in 1933 rely were \$202,402,294, billicity persist increased from \$30,247 at 1943 os 57,85,00 in 1933. Sets in 1938, 1846 or identified persist increased from \$10,699,100 in 1931 os \$46,859,000 in 1933. Lethindige in exception of an harvey one of the highest per coopie in locates of eye city in Carecks. In 1999 and 1959 in the "digital per city line the highest per coopie in common of eye city in Carecks. In 1999 and 1959 in the "digital per city line the "global per city line the

With the development of the St. Mary-Milk River Irrigation Project and the Bow River Irrigation Project over the next few years there is bound to be further development in the city which serves the surcounding district through on perhaptic of bord-surfaced histolyways.

The main industries in the orea one vegetable converg end freezing, super processing, flow milling, bereamy, fore mobilities, smallestprocuring, below production, coal maining, gas and all production, and an innovable. In 1924 the gross valve of production for 49 mounterstring plants in the City of Labridge was 154, 152,000, employees "unihered over 1,000, and souries and wages pold our encounted to \$2,60,000.

Labridge is also recovered for its recreation facilities, in one more of four city slocks is learned.

the City Holl, The Provincial Court House, a entiminal pool, a goots cannot for badwater, bearing and warring, beginning and entime reloce specific court of address of the specific court, bearing and warring court of the specific court of the

Lethbridge utilities are municipally owned and the city is operated under a city manager form of government.

#### MEDICINE HAT

The City of Medicine Belt is strated in the valley of the South Sedest-beauer. Here, almost value yet between Noise Medicated was Sedest-beauer. Here, almost value yet between Noise Medicated Sedest Sedest-Belt Sedest-Belt

The location was copain offer the Conodern Parific Binsary reached this point in 1883, it is position rome is derived from an Indian legated and early "flexible rome of anoticine stars". If that in corporate as a city in 1907 and in the next steem years enjoyed coulderable expansion due to the discovery some years early, of an otherwise supply of nexture gas which this city disclated to delegate on exoclocity basis. The population has shealthy increased expectably since the class of the Second World Worr, and numbers 1, 1925 (1954).

Owing to the passession of natural gas, with a B.T.U. content of 1050, together with municipally owned water and power utilities, the c'ty was able to attract considerable large industry, the grass value of whose prosourtion in 1933 was estimated at 328,000,000.

The major industry is that of clay products and postery, in which are employed about 600 workers in five modern plants, and which turn out sever puse, five libring, semi-poscelair dinner ware, poscelair insulators, brick of various varieties, and building tills. This industry is this one that it are of local in character, although a considerable quantity of the raw material is shipped in from outside points, principally Seakotcheval.

The milling industry is represented by three large flour mills with a daily capacity of 5,000 barrels, and producing flour, breakfast cereals, animal foods and by-products. They employ about 320 people.

In nearby Redcliff, besides two brick and tile plants, there is a large glass factory employing up-

words of 400 pages, the molority of whom reside in Medicine Not.

Another result of the presention of debundent ent and gos is the greenhouse Industry mode up of sixteen large operators, with a total of 22 octes under plan; one, with 10-1/2 octes, being the second largest Inc. Another. They recover the control of the present in Control of Control of

counters, to an annotativable of \$1,500,000, which are shipped as for east as Fort William and west to Vancouver.

Medicine Mar has five banks and four wholesale houses, as well as about 150 retail outlets of all

Medicine Hat has live barks and fast wholesale houses, as well as about 150 natal outlets of all kinds, which steve the wines community and a very large round district comparited of grain forms and large cartle maches. Impairing development went of the city is proceeding space, and in future years will add consolvanthy to the accountries and or consentry of both city and district.

Approximately 5,000 homes are located here, with about 70 per cent family owned dwellings harple facilities for confortable inving ore provided by two parks, these swinering goods, two golf course goarding risk, curling, etc. Ample sentitives has mode Medicine that notable as a city of gardens and these scaling risk, curling, etc. Ample sentitives has mode Medicine that notable as a city of gardens and the second of the second s

## RED DEER

The City of Red Deer is situated approximately makery between Colgary and Education, and straddles the Red Deer River. It is served by both the Candidian Recribe and Canadian National Rali-roads, and is on the south line of the C.P.R. between Colgary and Education. One of the slogens of the city is that "it is located" where course and continuous meets?

The City of Red Deer was incorporated on March 15, 1913. In 1948 the VII.age of North Red Deer was incorporated into the city proper and the area of the city was increased from 1,663 acres to 2, 132 acres. The population increased from 2,646 in 1914 to 4,042 in 1945. The 1951 cerus, gave a figure of 7,115 and the 1954 civic census indicated a further increase to 10,789. Thus the population of the city bas practically advantaged from 1941.

A further indication of growth is given by the figures on bourlang pearsits, in 1941 building pearsits trollad \$100.000 in value. \$9.1935 the accord in owner and critical to one \$3.085,000 building loss been only on or an exercise of the set \$1,000.000 to conservation. Building loss been only on or an exercise of the set \$1,000.000 to conservation. The model for increased capital and \$2,346,000 or conservation. The model for increased capital and \$2,346,000 or conservation. The model for increased capital and \$2,346,000 or conservation. The model for increased capital and \$2,346,000 or conservation. The model for increased capital and \$2,000 or conservation.

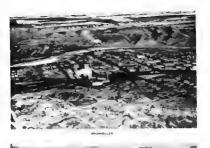
The debonture debt history of the Chyof Red Deer is perhaps one of the most interesting features. Red Deer, during the years 1946 to 1945 including, leaf claims to the fact that it was the early debt feet and the control of the c

totalled \$1,338,923 24.

An additional indication of the rapid growth of the city is to be found in figures on electric

power consum	prion		
Year	Consumers	Electric Power Sold	Total Revenue
	No.	K W.H.	\$
1941	1,116	1,864,967	89,456.99
1953	3,082	9,030,100	322,396.55

The number of damestic consumers increased from 785 to 2,478 over the period, commercial consumers increased from 239 to 466 and power consumers increased from 94 to 138.





Red Deer boasts "filteen manifacturing establishments, employing over 150 employees in 1952 who dawn \$571,594 he salames and wages, and produced goods and services to a value of \$3,280,000. Among he new accelerating establishments are showed goods and services to a value of \$3,280,000. Among he new accelerating establishments are shifted from the services of the company. The latter time manifestures electric fromthomers, or in the only manifestures are of the Great Listes doing a latter time manifestures also the form that the Central Alberta Daily Doi. Confessory, which is the Central Alberta Daily Doi. Confessory, which is the Central Alberta Daily Doi. Confessory, which is the confessor of the Province of the Central Alberta Daily Doi.

It is "intensiting to note that the large Chysler 'Parts Depai' recently opered in Red Deer, was looked here 'Solowing a comprehensive technical sweep by an independent group of economist employed by the Chysler Coppanion of Canado or determine 'in future descriptored of Canado during the "employed comprehensive and a contract of the Comprehensive Chysler from Depair and the "employed comprehensive Chysler from Depair and section which o'y learne all Albatins' and the Comprehensive Chysler parts of distribution at this section which o'y learne all Albatins'.

In 1941 there were 67 retail merchandise stores in Red Deer. By 1951 the number had increased to 110. Table to a increased from 44, 122,000 to \$16,950,000, on increase of 311 per cent over the period. In the trading area are approximately 73,000 persons served by five backs and of Provincial Terosity.

The city is supported by a rich insued farming district that produces on obsedence of rivine, beef cattle, other products, poultry products, wheat and coarse grain. The average grain yields from this district over a 27 second of them wheat 22,0 builteds, only 38,1 builteds, bartly 28,8 builted, and yet 8.9 builteds are comediated.

#### DRUMHELLER

Drumheller was incorporated as a term in March 1916 and as a city in April 1930, it is located 85 miles northeast of Calcary on the Calcary-Saskatoon and Calcary-Edwardon lines of the C. N. R. and is

also served by the C.P.R., making it or excellent manufacturing and distributing point

This city is the centre of the coal mining industry in the Red Deer Valley, and oil and natural gas are new additions to the available natural resources of this district. Gas lines for industrial and domestic use have been installed.

The city itself provides recreational facrlities featuring golf courses, curling rinks and the

In the 45 years since the Drumbaslar area was settled an enviable reputation has been built up for the production of quality livestock. Same of the better herds of Tamworth and Yorkshire swine with nebroal resolutions are located in this care.

The sheep flocks of the district have brought much fevourable publicity. The highest priced Suffolk row every sold (33, 300) was bred near Drumhaller. Sheep bend in the district wave been charapters of Noticeal liversich thans in Canada and the Chrosop Internation in the United Stotes, On coopsio, or many as 1,500 registrated eves and smalls in a year have been exported to the United Stotes, and the first Suffish sheep to price North America to England were from Drumhaller.

Notable herds of Aberdean Angus, Hereford and Shorthorn cattle are also to be found in the dutrict. The Linden district, west of Drumhaller, is the site of the third largest cheese factory in Canada. The factor's is usability with multi from Holdstein heards of the ords.

The last few years have witnessed a decided tendency towards diversified farmings delaying, pure that cattle, where, swine and poultry. Field demonstration plats are maintained by the Department of Agriculture. Strip forming is practised to a large extent, and tree plantations every 20 to 40 rods are proving effective in preventing sail driffling and in collecting may for spring molyster.

Before the transition in the Dounhaller case from renoting to grain and robust farming, the solts of the cope produced grain in clausidance to finish of head of spec and vs quality. These pares solts today are consistently producing grain of such spectra quality that the 4-H grain Club members have seen in considerable involvents, to actives in the Tecrotic Repull Fair each of the fast reversol vests:

The 4-H Clake in the districts in the area served by Drumbellor how mode a name for themselves and for Alberton in 1959, Tietry Shapps of Museus, in ambiers of the Drumbliller 4-H Clab, was the regions to be declared world Minest King, in 1951, the honour went to Howard Ropps of Rockyford, also de HC Lib members. In 1952, Repaid Leacherd of Drumbellar was recipient of the title and returned of Howard Ropps of Rockyford, also

monin in 1953 to win the title

An Increasing amount of high-grade wheat has been shipped from the Drumheller area. During the part 10 years over 2,491,000 bushels have been shipped from Drumheller alone. Annual shipments varied from 121,000 bushels in the 1945-1946 crop year to 465,000 bushels in the 1951-1952 crop year.

There she year 1911, when the first call nine was appead in Drusheller, over 50,000,000 tous of high-grade describer coal have been presidend. This has provided directly explor presiporent for 2,000 critizans of Drusheller and district. Furths 10 year partial 1943 to 1952 production amounted to nonrestance of the Commission of the

Drumheller is the gateway to Canada's famous Dinosaur and Prehistoric Park which is centred on one of the unique geological formations on the American continent

## WETASKIWIN

The City of Wetakiwin,—Wes so named in the year 1992 (when the Calgary and Edencaton Bailway was in course of coestruction), after the Indian name Westakiwin of the malphobring "Peace Rills". It is situated 42 miles south of Edencator at the proction of a line of the C.-T.R. frow Winniger, line city own its utilities, and it is in the centre of a good mixed forming district. Patroleum and natural gas wells, accole and Linder are in the victimity. The population in 1551 was 3,851.

Wetaskiwin has a flour mill, elevators, stock yards, createries, excellent railway and highway service, and while it cannot be regarded as a highly industrialized centre, yet in the year 1952 the value of manufactured products was over \$1,300,000.

Wetaskiwin's stores compare favourably with retail premises in any Canadian city of comparable size All the other business films in the city have a similar high sating, due largely to the rich country surrounding the city from which much of the business is diamen.

Wetaskiwin is situated close to several lakes where there are facilities for comping, outlings and fishings there is also good hunting in the district

Residents of the city are ordent sport fars, hockey, curling, galf, tennis and skating being favourite activities. There are also many opportunities for engaging in custival and social work.

#### GRANDE PRAIRIE

Principally on agricultural centre, serving the South Peace River Country, Grande Práirie has felt the impact of all superiors and development in the surrounding heritory, it has become the headquarters are only get and all drilling composites and applyingful cerves depart applications work in the South Feature.

Under the Impertu of good crop conditions and increasing oil activity, the town has grown repidly during the part few years. Recert onesaction of some 300 acres of fringe area has trought current popular-tion to about 4,500. Some 500 acres of the town are its served with sever and vester facilities. The town is serviced with natural gas from a well some 40 miles north, and the main electric power plant services the area from its acres of the town.

Headquarters for the provincial government for the area is housed in a \$350,000 provincial building conclised in 1933, and negotiations are currently undersoy for construction of a new court house by the provincial government at an estimated cost of \$300,000. A new federal building, building Veteront Land Act headquarters, immagnation offices and the post office, was completed in 1953 at a cost of \$230,000.

The town serves as a trading centre for the South Peace with 14 wholesole houses, and several distributing agencies. In addition to the wholesole and distributing service from the town, it serves a large area as a retail centre, having a wide selection of modern and well-relocked retail outlets.

There are two large hotels and a number of smaller motels and hostelfies in the town and immediate yielnity.

Serving the town and area is a radio station with a power of 5,000 watts and a twice-weekly newspaper with a circulation of about 4,500

and Edination. Through Capadian Pacific Air Libes this town has two Flights daily to end from Edination. Whole I currently [1954] underway in anterioring crumpers at the aligner to accommodes the Operanage Convent service which will not ext than to Edination to 55 minutes. Several large trucking concerns appeared in the region as well as providing shapping to Edination. There is also but terminal located in the foreit.

By way of transportation. Grande Prayris is connected by rail with intermediate points in the area

Alberta's only plywood fectory is located in Granda Prairie and amploys upwards of 30 persons in the immediate yicinity are a number of other lumber processing plants.

Within a few ainutes drive of the town is a large provincial park and there is an abundance of hunting. Fishing and other vecationing such within the realon.

hunting, fishing and other vecationing spots within the region.

The town and "emplicate vicinity is served by a large high school and a new separate high school Created Prarise Municipal Hospital, are settimely new building with accomplishing for some 80 persons.

stross a wide once Headquarters for Grande Plessie County Health Unit is in the town.

Hough the work of the Desirious Experimentary Settion of Benestrodge, some 30 miles from Grande Previrs, generational precisions the segon have enced steadily bounds a more scenarial footing and in general the most modern of ferrang auchods are semployed by foreiers in the region. Though



MEDICINE HAT



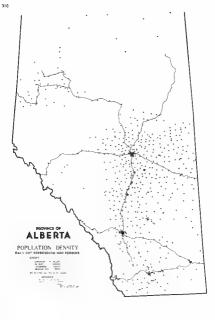


TOP VEGETABLE PREEZING

LOWER RAILWAY REPAIR

# POPULATION OF ALBERTA -- 1951 CENSUS OF CANADA

Based on material compiled by: Dominion Bureau of Statistics, Ottawa, Canada.



K OF TOTAL

2,875 77,122 12.22

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1951 Dermirron

COURSE AND VILLAGES SECURES, SEA OF SIZE WAS PLANNING BY AS PRESENTATION OF THE PARTY NAME THE PARTY OF TRESON FOR THE

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CHAMPION

CITY, Town on VILLAGE		CEMBUS DIVISION	1901	1911	1921	1931	1941	1946	1951
Асмя	v		-	161	227	234	245	380	275
Amonie	~		-	161	160	195	191	198	247
ALBERTA BRACH	v	19	-	-	79	20		891	79
ALIX	v		-	altr	446	349	244	424	461

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> 118 336 365 623

TAM: x 178. -- POPULATION OF INCORPORATED CITIES, TOWNS AND VILLAGES - ALBERTA. 1901-1951

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BLACKFALOR 130 . 64 213 110 104 BLASSIE . 224 291 993 222 th. BUAIRMORE 1,152 5,552 1,629 1 223 1,767 1.303

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Genery Laur

-GITY, TOWN OR

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CITY, TOWN OR

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PEACE RIVER

PLOTING BLOTTE

PINCHER CREEK

ROCKY MODIFIAN House

Dimension

RYCHOPT

Sy. ALBERT

Sr Paul

SAHSUDO

SERA BEACH

SMORY LAKE

Samuel Room

Senarous

SEKRMITH

SYANDARD

STAVELY

SYMBURG

STROME

SUNDRE

STORY PLAIR

STRATUMORE

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1901 1911 1921 1931 1941 1946 1951

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+	3	-	234	$L_{2}(207$	1,890	6,834	1,009	1,550
n) c		161	2,422	2,662	1,012	3,460	4,740	7 575
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Y		-	-	276	364	410	934	757
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1,229 1,335 1,499 2,442

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VILLAGE		DIVISION	1901	1911	1921	1931	1941	1946	1951
SYL VAN LANE	-	,	-		140	458	905	871	pis
TARKE	*			1,400	1,706	1,270	1,531	1,760	0,942
Тновникр	v	14	-		-		-	-	245
THORSEY	v			-		-	*	-	341
Тинке Нице	Ŧ		-		271	***	706	951	1,406
TILLEY	v		-		-	-	540	196	229
Tortilo	*	19		586	846	487	891	648	630
Тиосны	w	6	-	353	557	506	480	715	404
TURNER VALLEY	· ·			-	-	655	676	1,167	711
Two HILLS	¥	16	-		-	149	246	200	140
VAUXHALL		,	-		-		-	-	590
Vegreville	T	19		1,609	1,070	1,95%	1,496	1,943	1,933
VERMILION	*	19	-	415	1,270	1,670	1,400	1.470	1,940
VETERAN	v			-	197	180	110	594	234
Vikies	٧	,	-	133	357	490	491	129	645
VILM	v	п	-		-	un	211	412	320
VULGAN	T			-	661	845	798	766	5,040
WAINWRIGHT	T	,	-	768	975	1,547	500	1,365	1,990
WARNER	v		-	361	261	542	296	879	40
WASKATENAL	٧	14	-	-	-	-	337	294	201
Wembler		16		-		180	199	237	131
WESTLOCK	-	14.	-		383	104	590	864	1,31
WETABLOWIN			300	2,455	2,001	2,125	2,54e	2,645	2,40
Williamood	v	18		-	-	-	-		400
WILLINGOON	v	16	-		-	280	430	436	28



AN ALBERTA MEAT PACKING PLANT

TABLE 179-AREA AND DENSITY OF POPULATION FOR CENSUS DIVISIONS,

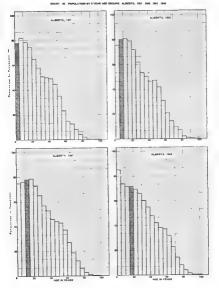
CENSUS	LAND AREA IN	1921		1941		1951	
BIVISION	BOUARE HILES	POPULATION	DENBITY	POPULATION	DENBITY	POPULATION	DENMITY
	7,353	11,80	3,94	20,000	4.04	91.429	4.60
	9,342	97,490	9,62	58,563	P-89	21,440	11.87
,	7,418	19,044	9-19	15,568	1,29	17,912	1,44
4	4,476	39,067	A, 74	29,199	4,49	\$4,994	4.77
	7,441	24,451	1.47	15,906	1,46	54,009	4,00
	75 766	148,300	11.47	E#4,890	42,85	195,330	10,48
*	0.004	29,106	5.70	34,695	4.80	32,334	4,44
	4.118	41,414	9,87	67,639	16,29	95,997	11 37
	14 803	24,538	1,24	54,490	8,47	71,46*	2 19
10	4 100	19,445	9,10	59,807	9.10	86,016	0.00
14	4,753	567,256	26.37	549, 199	31 39	524,159	47.59
12	11,681	19,794	5,10	17,450	1.39	17,740	1.65
13	4,198	84,504	3,96	29,175	4.00	20.152	3.72
14	8,797	34.594	4,13	40,000	1,40	46 784	1 34
13-	12,645	13,316	6,60	17,494	9.77	21.463	0.99
100	11,160	27 195	8,49	20,349	2.75	31,459	4 94
17	191.316	4.537	6.09	9,798	6.18	51-587	4,41
ALBERTA	248.000	751,400	2.84	296,169	9,29	128,307	9.78

Table 180-less and density of population for incorporated cities towns and vi-lasses of 1500 and over  $\,$  alseata 160

GITY, TOWN OR	GAND AREA IN	POPUL	A-10H 1981
YILLAGE	REMARK MILER	TOTAL	PER SQUARE HI
CALGARY	29,54	529,490	2.396
EUMOYTON	49.80	129,401	2 515
PEAMWHIDE	19.30	24,947	2 285
MED GINE HAY	64.17	95,764	1 MT
BOWNERS	1.64	2,402	1.700
CAMMORE	2.00	4,154	1.490
DRUMHILLER	6,36	2.00	7-201
GRANDE PRAIRIE	4,00	2,000	4-69
HARPEN PLACE	6,36	9,179	1,451
PONOKA	8,48	2 294	6,439
MED DEEM	2.30	7,89	1,875
VARER	3,19	5,043	1,347
WETABRIW-N	0,06	3,804	3,647

# Table 1817 number of incorporated cities, towns and velages by type, adsredite population and percentage of total population, albertal 1811 - 1811

	NUM	htx			POPULATIO	DN .	PERCENTAG	OF TOTAL	POPULATION
YEAR	0-TIEB	TOWNS	VILLAGES	C YIES	TOWNS	VILLAGES	CITIES	TOWNS	VILLAGES
1901	1	,	20	4,000	9,000	4,894	8,60	53,45	4.74
1941	6	37	70	90,682	25,001	31,558	84,11	4,01	1.79
6921		59	194	647,046	10,543	27,715	29, m	6,86	4,34
1901	,	34	Silve	194,800	90,103	34,450	34,54	4.66	4.47
1943	y	34.	feg	215,004	10,40	37,669	87.12	4.74	4,44



The marriage rate of the Provi ince is closely related to the turn of economic and world events During the depression of the nineteen thirtles the marriage rate feil from 8,8 per 1000 population in 1929 to an all-time ow of 6.8 per 1000 population in 1932. Reviva in the marriage rate came applica the country pulled out of the depression and the rate rase to 8 9 per 1000 population in 1938 and to 11. I n 1940 World War 11 due rupted the normal marriage rate to a certain extent, and the narriage tota slumped until after the war when a more normal trend was again resurred

The burth rate of the Province follows the total of the marriage rate. The burth rate has on the whole been on the unward trend. but also felt the effect of the depression and fell from 23 8 b rths per 1000 population a 1926 to 20 3 per 1000 population in 1938, but rose again to the high level of 31 3 births per 1000 population in 1953 This Increase accounts for the need for sarser school room space and a greater number of teachers. The log in the birth rate that resulted from the depress on is a party shown on this chart, and that been est mated that Alberta's 4.40 papulation would have been same 60,000 greater had it not been for the depression. The shortage is

The median age of people in the Province has been rising stead? ly over the post 50 years The nedian age stood at 20 8 years in 1901, 23 5 years in 1921, 26 3 years in 1941; and 27 2 years in 1951

rargery concentrated in the 10-24 year age group

Also, the percentage of the population over 64 years of age is increased from 3 53 per cent in 1931 to 7 12 per cent in 1951. This factor, causled with a rising then their predecessors.

women in the 10-24 year age group might be felt here the strongest

BERTA, 1951 80

CHART 64. POPULATION BY 5 YEAR AGE GROUPS

AGE IN YEARS birth rate, means that the institutings barn during the depression will have a larger transfer payment burden to bear

Whether this log in population will have serious repercusions on our economy or not will depend largely on the turn of economic events. Continued prosperity could result in a continuing shartage in the labour force which could

be rectified by immigration or by postporting retirement age. The armed forces would be greatly affected if a large army is again required. The shortage of young men and

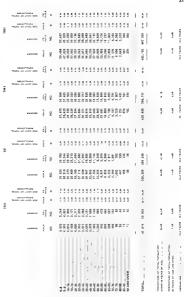
Alberta's population has largely followed the same trend as that of the Dominion. In Canada as a whole there are a large number of people in the 0-9 year got group, a proportionate shortpast in the 10-24 year goe group, a normal proportion of the population in the 25-64-year age group, and a greater proportionate number of individuals in the 65 year and over age group than in past generations. The median age of the Dominion top also been increasing steadily. 1901-1951

Tax 182 - POPULATION BY AGE GROUPS - ALBERTA.

AGE GROUPS

MEDIANG ARE BARED ON THE DATA ORDUPED IN 3 YEAR GLABS INTRIVALES.

NAME OVER



TALL 183 -- POPULATION -- BY ASK GROUPS AND SEX -- ALBERTA, 1901-1951

	Tenne 194		POPULATION BY ASE GROUPS - URBAN, ALBERTA, 1911 1946, 1931	YEN BY	ASE DRO	S-In	URBAN,	ALBE	TA, 191	194	1381 3							
			ž						1946						1951			
AGE GROUPS	a sulf	77494 40 483 383d	). James 4	1+404 40 1+404 40	TWADI	Pancent of teres	Make	Pencent or rosa.	17vn3d	Area to	-wal	TATOT NO	жим	THESHER NA	2 MM3 T	MYGY YO	-avoT	тия зая
(Years)	Ń	۴	ğ	×	ğ		Q.		2		Q.		Ñ,		02		Š.	×
	11,763		11,497	ř	23 280	66.					33, 139	4.30	23,026		27, 198			3
B-9	11 797	9,4	11,566	2,77	23,365	100			13, 132	4	26,352	ţ	19,379	÷	10 774	7	18 022	3
20 14	12 659	į	12,738	81.4	25 397	7	12,706		12,732	=	25,420	3	(4, 210		14,347		26, 557	3
15 19	13 035	4.49	12,071	4,10	29, 107	4.13	13 185		15,730	3	28, 915	8.78	14,466	1,11	16,623	1.00	31,009	3
20 24	13 948	4.55	17,122	9,10		67.60		g,	19,105	5	32, 387	2,	18,048	9,	22,366	4.4	40,414	2
25-29	13 283	6.13	15,162	ē	28 451	277			17,625	5	32,751	97.6	19,546	Ę	22 230		41,847	2
30 34	11, 289		12,298	19.4	24 097	4			15,736	3	29,945	9,49	18, 323	6.0	19 809		37 932	3
34.39	10,992		10.155	177	21, 147	97.9	13,130			4.4	26,265	100	16,689	5	17,302		19.991	2
	9 403		6 774		16 179	:					21.226	2	14. 163	1	13,652		7,812	
45.49	9 701		8.664		18.365	-			9.170	. 5	19 124	3	12,215		10,620		23.038	-
35 05	10.415		0.247		18.662	1			6.532	1	17 840	3	10.396		9.441		19.837	
	0 000								100.0				900					
20 20	9, 000		0 000	5	10, 60			8	0,00	1								ş
90-03	0,043	7,	5,193	Ę	12 040	111		3	6,633	ę	2	:	0.487	Ξ	6,105		7, 754	2
69 69	4,208		3,465	2	7,674	2	3	=	5,156	ę	11,009	97.0	9,378	ą	6,922		3,300	3
70 74	2,716	ą	2 444	Ę	9 160	3	25	77	3,433	į	7,427	1.78	5,787	9	5,040	-	0, 427	2
7579	1,612	2	1,481	ą	5,093	197	2, 271	4	1.919	4	4,270	**	3,067	44	2,746	Ę	5, 835	3
10.01	784	ş	781	=	1 365	2	190		1.044		2,033	3	1.416	=	1,357	=	2 773	
88.39	222	1	311	ą	863	÷	356		419		E	7	461	:	960	7	1.021	-
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			Tax x 186.		OPULA)	E MOL	AGE GR	OUPS -	CALGAR	2	POPULATION BY AGE GROUPS - CALGARY 1941, 1946, 1951	38						
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41 484 486 10	3,051	3	2, 933	9,78	5,984	6,3	3,009	7,	3,064	87.	6, 073	è	4,786	5	4,59		8,367	**
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13-19	3,428	8.8	3, 695	4,38	7, 323	7	9,308	97.90	3,925	٩	7, 231	7	4,057	2	2.18	2	6, 230	į
	3,877	į	9,631	1,1	9,300	1	7.788	H.'.	0.018	9	9,308	3	8,429		6,318	2	11,748	2
30.34	3.476		1,788		7, 245	1	8.225	1 :	4.724	1	0.940	1	2 3 3 3 3	1	5.679	1 1	11,269	1 3
	3, 295	5	3,059		6 334	3	3,662	1	9,849	9	7,541	2	4, 095	5	3,192	9	10,087	2
	2,697	1.33	2, 728	3.40	5,615		3,358	1.	3,013	Ę	6,371	è	4,039	5	4,127	27	8,166	ç
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	3, 239	2.44	2, 0.53	ş	5, 902	÷	2,839	1	2,063	ŧ	20.00	ş	2 120	ş	100	5	3 1	4 44
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1	2,174				3, 801	5 :	2,887	3 :	2,303	5 :	3, 182	: :	2, 1, 2	1	2,78	3 :	7. BZ	5 :
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TOTAL	44, 843	94.46	285	80.00	98,994	100	196,94	8000	30,703	200	100,044	200	63,979	16.7	180,081	90'41	129,060	
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Mamon alle soss serresses ser	m,s veams		1973 176841		SPAN VEANS		DA VEARA		MANY CR		P. S. YEARS		I VEAR		12. TEAR		8879 A.CVE	
MEDIAMS ARE BARED ON THE DATA ORDANGO IN FYELM GLABS HPTERVALS.	HI GRADENI	1,000	PLABE INT	CAVAL.														

		3777	WARE A	*******	7440E JF	Atol	Delicionar	2 ~W	19404 40 4972924	1.4447	TANDICHES	AnoT	768 3626 AATOT N	p.	AAYOT 16	stres	NA TOTAL	-aroT	TWACK AC
Years)		90		9		92		ę		QV.		Q		9		Q.	*	Q	*
		2 881	:	20.00	1	2 076	2	8.186		5, 152	10.7	10.507	2	10 220	679	9.599	1.40	19,819	25.00
		3 839		3.477	1	2.016		4.034		4.119	1	8,153		5, 506		6.805	4.47		
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		6.015	1 5	4.811	1 2	9.826	:	4.211	7	5,079		9, 250	3	2,004	***	5, 972	1.5	10,976	
20-24		4 316	9 4	5.741		10.057	24.60	4,815	4.34	6,963	100	11,798	10,00	6,734	477	9,906	4.4	15,650	
	1	4 034	2	5 036	2	9.070	476	5,167	25.4	6, 162	5	11, 329	1	7,620	4,17	8,565	1.37	16, 165	40
		3 626	2	5,439	1	7,485		4,563	3	\$,210	5	9,773	ş	6,777	11.0	7,241	*, *	14,013	
		3, 272	1	3,194	2	6,466		4,215	1.7	4 213		0,430		6,075	8,4	6,316	1,4	12,391	
ľ		2, 780	4	2,376		5, 526	2	3,429	7	3 230	9,4	6,667	87	9,150	3,44	4,815	10,4	9,963	
	:	2.915	17.11	2, 732	1.00	5.647		3,106	8,18	2,960	2	6,074	5.49	4,171		3,763	į	7,940	3
		3.041	2	2.612		5, 643	3	2, 203	1.11	2 764		5, 657	9,00	3, 530	4,6	3,244	2,0	6,782	
		2.758	1	3,112		6.870		3.079		2,604		5, 563	5	3, 133		2.910	ŝ	6,043	
		2.601				3.613		2. 783	1	2.008		4. 741		3, 176		2,691	3	5,867	
		1.146		987		2.173	1	1.827		1.470		3, 297	4.7	2,575	2	2, 142	3	4,713	
		782		989		1.482		1.057		PM		2,001	14.	1,742	97	1,530	į	3,272	
		387	1 7	401		70.0		080		517	1	1,106	1	898	Ę	878	3	1,774	•
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TOTAL	:	46,279	8600	47,536	9.79	93, 517	N.	55,322	80,00	87,784	9474	113,116	¥	78,973	MAY.	80,658	10,13	159,631	100/8
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Pencaurade on vorsa.																			
POPULATION UNDER																			
49 YEARS OF ARE	:	35.58		87.48		35.45		10.00		1		31.48		,		***		20.00	
Pancastrana pe versa.																			
POPULATION IS VEAR																			
OF ASK AND DVER 144 II II	,	3,44		2,43		278		248		344		¥2.5		¥*.		40.			
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TABLE 187 -POPULATION BY AGE GROUPS - EDMONTON, 1941, 1946, 1951

			707	ŝ	400	M - KS	2002	5	3	18 - 66	Service	DIVID	4	ALBERT	1, 1931						i
CENSUS	Афілизлоу	T4: 1448	Series E	Cherana de Carana Dancincas	Choken or Ensuren In Canaga	Ann Ann Bunners	Secretarion of the secretarion o	Онтновои	manwat	контил	аунонам	номизуц	TW3.ptc.res.urg	mannessed.	Вроили Ситносте	MAIN. A SALL	SATHOLIS CATHOLIS	Constant Constant	manage ma ma manage ma ma ma ma ma ma ma ma ma ma ma ma ma	74.01	
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M OF TOTAL	4	1	4	5 :	41,04	Ę	. 75	ŧ	ą.	1,1	7,18	11.4	ŧ	2	18,77					8111	
	200	1,584	ž	Ħ	4.034	1,169	106	1,092	22	3,023	4,354.11	010	523	486 15	5,161	1,	351 16	6,761 3 0		089	
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	3	196	12	ŧ n	3, 901	1 6	335	\$ 75 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.0	‡ 57	3.983	3 8	12	# 60	670	A. B.O.	ą g	10	9.67	17.4	¥ 2	
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		ę	Ę	ŧ	100	i.	Ę	1,18	ą	9			=	5	69.40	ŧ			ą		
	1	ĺ	ĺ			į	i	Ì	i	Ì	i		1	1		ł	1	1	-	1	
TOTAL	4,800	1,720	1,835	1, 565	122, 980	2,473 7,	370 40	18	929	_	13,528 16,	343 9,	452 55.	004 136	312.2	408 37.5	514 276, 551	551 32,405	05 939.	186	
M Dr TOTAL	3	0.40	٩	÷	13.48	2	t	179	ę	2	4,			9	2				1	and a	

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TABLE 189 POPULATION BY	RELIGIOU	S DENOMI	MATION	S - ALBERTA	, 1931,	1941, 1951
RELIGIOUS	1931	PER CENT OF TOTAL	1941	PER CENT OF TOTAL	1951	PER CENT OF TOTAL
DENOMINATIONS	No.	56	No.	×	No.	*
ADVENTIST	4,213	,51	4,697	.50	4,808	,51

.72 1.835 -20

.26

1,50

1,00

.12

.22 2,405 .20

1.25

.11

1,911 -70

1,565

511 -06

323 .43

408 .01

37, 522 3.99

3,493 .37

87,364

13.528

7.314.71

9,499

203 .02

> 69 .04

(SEE OTHER)

18.676

-17

9.30

1.44

1,01

1.99

2,103

39, 278

12,097

1,522 .19 20

NO.

8,451

917 .26

2,103

5.4

9,468

1,458

337

ANGLICAN	112,979	15,44	113,279	14,23	122,980	13,09
BAPTIST	30,496	4,17	32,268	4,05	34,720	3,70
BRETHRER	1,192	.16	1,014	,15	9.6	
UNITED BRETHREN	124	.00	32	<b>,</b> 01	0.0	
Вироніят	366	.05	373	,05	1,962	.21
CHRISTIAN	2,315	,32	1,372	,17		

.87

.54 1.799 -23

1.17

.00 13,185

1.80 14.960 1.60 18,343 1.94

,50

-97

-14

NOTE- IN THE 1951 CENSUS, ENUMERATORS WERE INSTRUCTED TO INQUIRE MORE FULLY WHEN TERMS SUCH AS 'CHRISTIAN', 'PROTESTANT', ETC. WERE REPORTED.

2,315

2.075 -25

1,251

1.728

2,133 ,29 4,165 .12 7,370 ,78

26,427 3,51 34, 991 4,39 40, 199 4,20

1,252 -57 1.010 -12 \*\*

\*\*

3.663 ... 4.052 - 41 4,626 49

82,411 11.26 84,630 10.65

8,289

1.448

3,655

72,069 9.85 68, 910 2.60 55,004 3.00

168, 408 23.62 6 152,065 19.10 185.312 19.85

176,816 24,17 193, 664 Z4,32 276, 551 25,44

7.099

1.023

731,605 100% 796, 169 100% 939, 501 100%

SEE GREEK CATHOLIC OF ROMAN CATHOLIC.

2,024 .28

1.931

776 ,11 1,100 .14

528 .07 464 .ee 幸卓

943 ,53 1,392 .17 \*\*

786 .11 822 -10

CHRISTIAN AND MISSIONARY ALLIANCE

CHURCH OF GOD

CONFUCIAN

**Doukhoson** 

Je winn

LUTHERAN

MORAVIAN

No RELIGION

PENTEDOSTAL

PRESSYLERIAN

PROTESTANT

HINTERRIAN

Not STATED

OTHER

PLYMOUTH BRETHERN

Весовыев Снивск

ROMAN CATHOLIC

SALVATION ARMY

AN NOT REPORTED.

UNITED CHURCH OF CANADA

Мовмон

PASSAN

CHRISTIAN SCIENCE

EVANOR ICAL CHINES

FREE METHODIST CHURCH OF CANADA

Garry Camera

Garcy Ouvennou

INTERNATIONAL BUILD STUDENTS! ASSOCIATION

Jenovania Wienesses

MENNONITE (INC. HUSTERITES)

CHURCH OF CHRIST DISCIPLES

GENERAL BISLINGS

	2.45-	K 190-16	PULATION	BY RACIAL	QAIGIN FOR	CENSUS D	IVIACONE
						9710	R EUROP
мсн	ACSTRIAN A O.S	SEECHO PLOVAK	Finan-	GERMAN	mineter.»	ITALIAN	>EWISH
10.	194	427	68	0.396	403	Nes	115
16	461	3.751	105	7 41	.845	1.762	162
15	64	490		3-675	526	37	2.5

004	TOTAL	ORIGINS '	FRENCH	ACSTRIAN A O.S	SESCHO SLOVAS	Final-	HAMRED	MANUAL	ITALIAN	>EWID
	28 979	1 16 195	655	196	627	6.0	0.096	403	MH	113
									1.762	162
	16 29									
	96 285				1.40					
		14 297		179	146					
	226 99	195 343	15.332	1 765	1.4%					
										12
	46 794									
	30 439	16 620	I 090	257	27e					
	180	2.239	1 106	25	38		may	199	10	4
	\$18.534	451 Tee	34 145	7.010	10,857	1 100	467.369	1.794	2,390	3 .923
	122 099	99 474	4 852	987	771	215	6.794	1.266	1 601	1.70
	32 547		547							

		TABLE	1961 POP4	SATION BY	OFFICIAL L	UNISCASE AN	D MOTHER	TOMOUR P	OR ALBE	NTA MU
			OF FY	THE LANGE	5-17+KA	_			-	
				EMBLITH	ENDLIES					
		FMGL 3N	CHENTS	AND	W00.1911			CHINA	France.	
	TOTAL	GHLY	Ows. Y	PRESON	PRENON	ENGLISH.	FRENCH	EPE	120	DAEL
ALBERTA TOTAL	907 561	M15 196	5 902	49,785	24.995	345,413	14 196	3.981	1 806	941
Multi-	422,525	60.7.0	4.900	II site	10.792	297 901	11 127	121	1.005	443
KARW	339 953	297 589	521	No. rest	14 404	130, 120	11.275	42	1.161	219
NON- FARM	49 821	110.769	6.458	9,425	5.290	97 795	7.549	450	2009	15.5
ORBAN	449,670	524 180	369	19 Jg0	2.410	200,862	11.00	2 990	440	467
100 000 AND DVER	278 625	₹74 560	129	33 764	1.300	E29,211	0,390	1 211	TOR	241
19,000 TO 33 595	39 111	39,327	48	508	396	29,186	287	262	19	32
UNDER 10 000	11 629	D1 250	570	5,325	969	95,965	4 769	547	179	164
BIVIECON NO	25 679	J4 695	18	401	996	13 397	196	126	42	29
2	71 499	59-183	176	1 504	2 699	4" 280	970	270	,	45
	7 192	15,431	5.0	316	368	1 124	1497	59	2	22
A	28,764	27 199	29	441	945	23 729	519	59	36	25
	6 103	0,807		249	64	2 349	63	5.5		23
	32 526	196 230	108	2.210	1 495	02 876	1.559	4.2	250	29
	PE 224	10.159	254	1.756	249	24 504	228	79	Ξ.	
	22.957	79.769	30	1.95%	1 age	54 260	46*	222	-3	*3
	2 = 627	30 66	19	304	411	35.646	295	41	755	47
76	10 0 8	#1 300	122	909	2 769	20 85	963	58	-	69
**	446 148	809-38	964	12 766	1 060	4 563	0.594	548	49	-44
**	17.769	4 992	5.0	58+	250	1 350	325	23		
	49 153	2 660	× 596	5 5 6	Z 960	B 504	4 bts	12	RL.	*7
**	45 79	36 840	796	3 976	E E40	5: 34	4 45	2	249	49
85	4 993	*3 126	172	4 275	519	*6 72	5 425			
96	5 100	36 949	299	9,05	496	22 048	169	44	24	12

EAN ORIGI	NO.					ATIA	THE GRASS	PH MINE	OTHER C	WINDING.
NETHER-			\$0 ARG III-	CHERA INC.			45.74		NATIVE INDIAN	OTHER AND
LANDE	POLISH	THE AM	AYLAN E	AN	GENER	GH NESE	NETE	OTHER	AND ESK NO	NOT STATES
1.212	756	x 109	1.60	110	414		***			174
4 274	2.2**					694	1 200	-	148	225
968	316				Jan.	- 55	200	-	1 40	
						100	332	10	100	105
	461					22				254
	3 451				1 122	1.164	24	67	,	176
					613	- 100	7		t 166	4 785
		1 790	11 102	1.041	774	249		- 4		2.77
			4.211	521	434	240	- 7	7	1 645	1 001
555		194	2 779	12 100	201	1 50 54			947	4.6
		4 267	E 7.0	23 292	2 5 5	M-	145		34	176
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MOTHER	FONSULE		_									
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46, 110	29,266	1.351	1.000	3.240	7.794	8.60	2 300	ET who	4 285	59 538		2 660
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1.694	2.000	* 9	400	791	7 (39)	2.22	463	4.444	1 179	F1.506	34	676
19.476	886	k est	797	2.35	3.707	1.01	3.778	7.800	2.6%	22.474	1.000	1 903
P-427	455	917							728	7.189	1.780	1 600
4 450	*1						179	162	327	417	10	441
4 950	241	224	325	367	1 121	1.00	730	1 901	1.096	5 314	29	485
7 160	10	199	512	100	807	110	CDP.	lw.	200	325	46	***
8,911						1.295	522	980	6 642	2.805	20	Z15
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THEF 192 - POPULATION BY RACIAL ORIGIN, ALRESTA, 1901 1981

388,228 251, 620

Times 193, POPULATION OF BRITISH ORIGIN, ALBERTA, 1901-1901

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NCUSH			109,068		190, 478		190,450	-	151 224		219, 617	
F SM			49,568	10.15	12, 264	2.0	79, 979	D.N	53 E78		210,017	20,00
OTTISH			52, 294	10.00	96,065	5.0	236, 726	75.16	112, 540	19,00	124, 045	10.00
	. 186		3 (41		7,534		16,0M		11.002		12, 498	10,74
FREE BRITISH	. 300		3 140	A.M.	7,534		10,084	-	11.062	-	12, 459	100
YOTAL	34 903	17.00	315.174	vil, ar	351,500	10,00	186,238	× ×	339 431	96,14	491, 708	4.0
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		OF ALBERTA		2.55		D		96		de materna		
	90° Ho	107.00	\$.	1000	1923	-0.4	531 Ho	TOTAL E	3941 No.	70726	1651	7974
EHOH	4,411	4.10	20, 606	5.50	20 5 3	5,05	38,377	1,00	42,979	1.49	56,165	
STRIAN		1.75	7,767	2.00	19.420	3.8	6.727	5.00	7 512	2.25	5.010	5.41
LG(AN		6.0	1 769	6.05	2 550	2.61	2.725	6.0	2.919	8.07	3.006	7.17
ECH AND BLOVAK				-,4	2 537	246	6.404	2.00	8, 177		10,637	
NN SH FFFFFFFFFFFFFFFFFFFF	. 00	6.01	1.589		0.004	1.00	3.516		3,452	1.0	2,558	5.11
RMAN -	7 836	16.0	41 656		35,323	5.00	74,450		77,711	1.77	HCT 595	11,11
near -	* 036	4.0	129	1.0	25,333	1.0	601		21, 22,		625	
HER NSS	167		1 25		1 963		5, 502	4.00	7 892	0,46	7 786	4.0
				4,00	4 000	4,6	6. SCE 4. TOE		4 072	9,00		*,4
	17		2,150	8.07		5.60	4, 766 3, 722	6.00	4 052	4.5	2 896	4.44
W1524		8,46	1 505	3,40	3, 242	9.70		8.00		5,M.	3 535	4,40
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THERLANDS			3, 195	8.05	2.420	5.45	13.665	1.00	20.429	1.47	29.385	3.3
K-15H	470		2 297	1,40	7 72	48	21, 57	1.00	26 845	Name .	29,661	3.9
KIMANIAN		0.00	926	9,00	2,007	6.75	4,712	9,44	4.206	9.30	1, 559	8,56
ISSIAN	4, 522	5.00	8.022	1,000	21,212	2,44	6,281	1,64	19:318	3.00	15, 253	-
AND NAV-AN	- 3.940	1.00	29.547	7.00	64 545	7.00	55, 453	8.9	53, 496	7.00	70, 929	2.00
AN SH					6, 772		1 492	1,00	12, 264	Name.	13,389	
SELANDIC					507	8.00	\$20	9.74	1 677	9.74	1 384	8.00
ORWEGIAN					21 323	2.60	27,360	1.9	25, 628	1.79	33, 755	1.00
WED 5H					15, 943	171	19, 824	4,74	20, 505	5.07	22 792	1.79
RAINIAN ASSESSMENT OF THE PROPERTY OF THE PROP	624	0.00	17 564	4.00	22 627	5.05	25, 672	1.84	71 869	1.00	86. 987	2.00
MOSS AVIC					802	9.15	1 335	1.75	1,738	6.01	1,455	1.00
THER EUROPEAN ORIGING		2.75	1 301	6.80	1 305	3.40	784	4.00	753	4.70	2.051	1.0
TOTAL	24, 117	11.00	140. 584	30.36	214 458	$W_{\alpha} m$	320.540		369,852	16.49	464,912	0 H
	Tetal	195. 3	ореат	on or a	NATIO .	ODISIN A	II DEPT	1901 - 9	81			
				70° CO		PSA CONT		P\$4 5547		PER COUT		
		A-11774		OF.		95				95		6.1D
	No.	rote.	2843 No.	1	1921 No	1014	153 No.	POFM.	N	707.m.	1951 No	****
	. 235	4.80	1,792	4.0	3, 561	Name of	3, 575	9.00	3 122	0.40	3,450	***
PANESE	- 13	1.60	241	9.30	873	6.80	552	2.40	570	8.87	3, 236	9.76
HER ASIATIC ORIGINS	- 1		83	4.00	246	4,00	402	4.00	504	N. III.	654	9.91
T0"A	249	0,ie	2.108	4,00	4.300	4,70	4, 929	8.47	4 204	4,40	7,441	9,19
Tres. c 156 P	OPULA	TION OF	OTHER I	SHOK E.	попели	OR ASSA	TIC ORE	IN ALBE	ETA, 19	01-1551		
		PER CONT		NOT CO-		****		PER CONT.		Pin ever		ACR CO
		ALBERTA.								SERVICE.		
	1201 No.	TOTAL	1911 No.	TOTAL	1821		1921 Mo.	747.44	1961 No.	****	1951	TOTA
		-										
			17 402	3,86	14 557	8.40	15 222	2.46	12, 566	1.46	21,210	فافره
									526		792	
GRO	31	9.00	393	8,77								
STOP INDIAN AND ESKING	31		3 909		1, 171	1.00	F14	4.46	9.176		3,536	1,00

					140		90		140			
METTER BORN	29 504	-	10. 418,481		154.62		MQ4.225	-	ESS. 906		90 25,40	
OCCUPATION NOTES	62.70	1948	171.00	20.00	196, 679	200	155 EW		148 424	70.70	192 059	40
SPATTED STATES	E: 157	40.70	19, 175	100.07	75 500	40.75	45.602		87 628	-	25.704	1.00
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ASIA	< 206		1 979		* 1	2	2,149	-8	3.327		2.748 1.758 D.45	- A
SOUTH AMERICA	367		are.		- 12		212		385			-
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No. of the Party of the Control of t												
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										PERCENT		PERCENT
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				ALBORTA.		PLESSES.		ALBERTA.		45,80514		ALBERTA.
LATAYA POPULATION SORII DI	788	TOTAL	1955	705No	100	725	794	TOTAL	15/1	THE R.	7950	TOTAL
CANADA DORNA POR SOUN DI	1941	10746	1901	TORAL	-	-	794	4000	20	VEF-AL	PRO	*******
	~0	-	MO-	-	-0	4	-40.	-				
ENFOCKELAND											*77	
MARCE CENTAGE INLAND	5.05	-	2.69	-	1 29		2 561	-	1 80	- 1	1, 90°	- 1
		.70	1,465		1 903	-	3.00	-74	1 10		3,612	
KEIR BRUNDWICK	2 65		14 979		1.90		3.30	-	9.673		12 630	
sueseco NaTuello	12 1E		0.99		0.5	1,0	45.50		43.889	- :	45 41E	- 2
NAMED MANTORA	57 500 5 500		9.93	-0	10.00	-	15.90		7 190			
HARTONA HARTO POHOWAN	5 590		5,160	-	0.00	**	77 676		35.934	- 2	M 147	- 1
LIBOTA	12.60	-	191,365		300,000		FF 25	-2	50 FH	20	124 674	
METTER COLUMBIA	12.465	- 12	5,85		1.79		2 481		D1 651		13.564	
CARCH AND HORDH WEST	-		.,		2.44	-		-		-		-
YEARTONIES	272	-	107	-	26	-	74	-	200	-	760	-
HET ATATIO	2 111		1.625		- 22		- 45					
TOTAL												
	T-19	POSCORT		MINORY*	- LUTO	PERCENT	etten isu	PERCENT	10	PERCENT		PERCENT
		POSCORT OF MARRYS		ADICTATION OF THE PERSON OF TH		PERCENT OF AUTESTA		PERCENT OF AUSEDITA		CUT CARREST IN		APPEATA
		PERCENT OF MARRY'S TOMAS		MERCENT OF AUSTRIA TOTAL		PERCENT OF ALEETA TOTAL	ae.	PERCENT OF ALBERTA TOTAL		ALBERTA TOTAL	101	AUBERTA TOTAL
Yest BRITISH ISLES	#1 90.	PERCENT OF MARRYN TOMAL	80	MENCENT OF AUSTRIA	,811 HQ	PERCENT OF ALPERTA	ar No.	PERCENT OF AUBERTA TOTAL	549 1G.	ALBERTA TOTAL	HD,	ALBERTA TOTAL
Yes BRYTISH (SLEE THELENS YOU WALKE	#1 90. 11.00	PERCENT OF MARRY'S TOMAS	01 No.	Atleter M ASSERTA NOTAL	,81 10 9,21	PERCENT OF AURENTA TOTAL	3E R0 E-00	PERCEPT OF AUBISTA TOTAL	946 140, 140	ALBERTA TOTAL	HD,	ALBERTA TOTAL
VINE BRITISH ISLES THELING KNOW WALLES HELING	81 90. 41,42	PERCENT OF MARRY'S TORIAL	61 80 6 F	Atleta SPA	,81 H0 GL21 LDH	PERCENT OF AUGUSTA TOTAL	- gar 140, 54, 664 2 301	PERCEIT OF AUBERTA TOTAL	949 160 46,130 5,623	ALBERTA TOTAL	HD, 12.564 5.450	ALBERTA TOTAL
VINE BRYTISH ISLES SMLLING AND WALLES MLLING MCCCLANS	81 95 4, 45 1, 10	PORCORT OF MARRY'S TOPIAL V	65. 86. 6.17 7.1% 2.68	Macter of Asserta	.81 10 9,25 1,64 23,44	PERCENT OF AUGUSTA TOTAL	(847 NG, St. 664 ) 1521	PERCEIT OF AUBERTA TOTAL	949 140. 46.100 6.425 73.700	ALBERTA TOTAL	HD, 12.564 5.467 5.467	ALBERTA TOTAL
VINE BRITTON ISLES THELING YOU WALLES HELING HELING JUNEAU HALES	81 90 41,00 1,10 16,10	PERCENT OF MARRY'S TORIAL	66. 66.07 7.2% 31.66	Atleta SPA	,81 H0 GL21 LDH	PERCENT OF AUGUSTA TOTAL	(867 (96), (97), (969 (1), (96), (1), (96),	PERCEIT OF AUBERTA TOTAL	949 160 46,130 5,623	ALBERTA TOTAL	HD, 12.564 5.450	ALBERTA TOTAL
VINE BRITTON ISLES THELING YOU WALLES HELING HELING JUSTINS	81 95 4, 45 1, 10	PORCORT OF MARRY'S TOPIAL V	65. 86. 6.17 7.1% 2.68	Macter of Asserta	.81 10 9,25 1,64 23,44	PERCENT OF AUGUSTA TOTAL	(847 NG, St. 664 ) 1521	PERCEIT OF AUBERTA TOTAL	949 140. 46.100 6.425 73.700	ALBERTA TOTAL	HD, 12.564 5.467 5.467	ALBERTA TOTAL
VINE BRYTON ISLES INCLUSE AND WALES INCLUSE LEGISLAND LEGISLAND LEGISLAND OF STATES	#11 99, 41,485 14,180 201 201 2 6.3	POCONT OF MARRYA TOWN,	(61, 56) 6, 27 7 25; 31, 606 60 61	Macter of Asserta	301 160 63,235 1,634 28,344 273	PERCENT OF AUGUSTA TOTAL	(867 (96), (97), (969 (1), (96), (1), (96),	PERCEIT OF AUBERTA TOTAL	949 140. 46.100 6.425 73.700	ALBERTA TOTAL	HD, 12.564 5.467 5.467	ACRESTA TOTAL
VINE BRITTON ISLES THELING YOU WALLES HELING HELING JUSTINS	#11 90. 44, 485 14, 180 74, 51 74, 51	PORCORT OF MARRY'S TOPIAL V	66. 66.07 7.2% 31.66	Macter of Asserta	.81 10 9,25 1,64 23,44	PERCENT OF AUGUSTA TOTAL	(867 940, 94, 666 3 505 21, 860 410	PERCEIT OF AUBERTA TOTAL	949 160, 46,130 6 429 79,190	ALBERTA TOTAL	HO, 12,564 4,450* 1,467 15	ALBERTA TOTAL
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HeC BRITTON HILES  THE LAND  AND ANLES  HELLING  HECTLANS  LESSEN HALKS  OF STATES  TOTAL	80 40,00 6,00 16,00 76,00 76,00	PONCOYT OF MARKETA TOTAL C	001 000 01 27 7 374 N 600 61 61 61 61 61	Macter Street	,00° 100 0,201 1,004 20,301 21,701	PERCENT SF ALBERTAL TOTAL	(981 NG), SK 666 3 Set 21. Bio.	PERCENT OF AURENTA TOTAL	946 140, 46,130 6 425 73,700 273	ALBERTA.	HO, 12,564 4,450* 1,467 15	ACRESTA TOTAL
THE BRITISH ISLES  TO THE BRITISH ISLES  PELAND  LOCILARS  LOCILARS  LOCILARS  TO TAL  AND TO TAKES  TO TAL  AND TO TAKES  TO TAL  AND TO TAKES  TO TAL  AND TO TAKES  TO TAL	80 40,00 6,00 16,00 76,00 76,00	PERCENT OF ALBERT	001 000 01 27 7 374 N 600 61 61 61 61 61	HEADEN TO THE HEADEN THE HEADEN TO THE HEADEN THE HEADEN TO THE HEADEN TO THE HEADEN TO THE HEADEN TO THE HEADEN TO THE HEADEN TO THE HEADEN TO THE HEADEN TO THE HEADEN TO THE HEADEN TO THE HEADEN THE HEADEN THE HEADEN TO THE HEADEN TO THE	,00° 100 0,201 1,004 20,301 21,701	PERCENT SETTING TOTAL TO	(981 NG), SK 666 3 Set 21. Bio.	PERCENT OF SALESTER TOTAL TOTA	946 140, 46,130 6 425 73,700 273	ALBERTAL TOTAL	HO, 12,564 4,450* 1,467 15	ALBERTY TOTAL
Web BRYTON ISLES MALINES ONE NALES MELLING MELLING MELLING MELLING MELLING TOTAL  From 1 190 -0057	80 40,00 6,00 16,00 76,00 76,00	PERCENT OF ALBERTA TOTAL C	001 000 01 27 7 374 N 600 61 61 61 61 61	HEACENT OF THE PERSON OF THE P	,00° 100 0,201 1,004 20,301 21,701	PERCENT OF THE PERCEN	(981 NG), SK 666 3 Set 21. Bio.	PERCENT OF AUGUSTA TOTAL	946 140, 46,130 6 425 73,700 273	ALBERTAL TOTAL	HO, 12,564 4,450* 1,467 15	ALBERTA TOTAL
THE BETTER SOLES  MILLION ON NALES  MILLION  MILLION ON NALES  MILLION  MILLION  TOTAL  TOTAL  THE TOTAL ON NALES  THE TOTAL O	#11 95. 61, 62 16, 65 7 6-3 81, 35 18, 35 18, 35	PERCORT OF ALBERT  OF ALBERT  PERCORT OF ALBERT	001 002 7 254 54 005 47 005	Mactur of Street	,51 10 61,235 1,634 21,145 27 10, 76 20, 76	PERCENT ALEXTIC TOTAL TO	(847 196), 19. 666 19. 505 20. 805 406 406 406 406 406 406 406 406 406 406	PERCENT OF ALBERTA TOTAL	946 140, 461, 461, 461, 461, 461, 461, 461, 461	ALE THE PERSONNEL OF TH	HC, 12.594 5.497 5.497 5.72.819	ALBERTA A
THE BETTER SOLES  TOLLING ON NALES  PELAND  TOTAL  TOTAL  TOTAL  THE TOTAL  TOTAL  THE T	#1 95 44 46 46 46 46 46 46 46 46 46 46 46 46	PERCENT OF ALBERTA OF ALBERTA OF ALBERTA OF ALBERTA OF ALBERTA	61 P 7 25 N 60 P 60 P 60 P 60 P 60 P 60 P 60 P 60	Macter or Automotive some some some some some some some som	,81 10,23 1,50 21,34 21,34 10,76 10,76	PERCENT OF ALBERTA. TOTAL TOTA	687 190, 94,086 3 350 21,850 646 	PERCENT OF ALBERTA TOTAL "" "" "" "" "" "" "" "" "" "" "" "" ""	969 160, 46,100 6 423 73,700 15,684	ALBERTA TOTAL TOTAL SCHOOLS ALBERTA	HD, 12.564 4.455* 10.665 15.865	PROCESS OF ALBERTY
THE BETTER SALES  TOLLIES TON NALES  STAND  TOTAL	#11 90, 44, 46 6, 40 16, 160 76, 76 7 41, 31 86, 31 86,	PERCENT OF ALBERT  OF ALBERT  FERCENT OF ALBERT  TOTAL	602 500 61.27 7 254 54 645 64 64 645	PERCENT OF ALERTA TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL	,301 (H) (H,201 (H,504 (H) (H) (H) (H) (H) (H) (H) (H) (H) (H)	PERCENT OF ALEERTA OF THE ALEERTA OF	GBET 1900, 37 SSES 21	PERCENT OF ALBERTA TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL	946 140, 46, 100 6 827 77, 884 1844,794 1844,794	ALBERTA TOPAL TOPAL TOPAL TOPAL TOPAL TOPAL	100, 10, 564 1, 400° 15, 400° 15, 400° 15, 400° 16, 400°	MEGONA MEGONA
THE BETTER SALES  TOLLIES ON THE SALES  TOLLIES	#11 90, 41,461 1,100 14,100 251 24,251 88,847904	POCONT OF ALASTIA TORIA, 1 1 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	61 50 61 27 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Macter or Allerta String Strin	,50° R0 80,200 11,500 21,700 10,700	PERCENT OF ALBERTA. TOTAL	GMT NG. FK GMT 3 SEG GM	PERCENT OF ALBERTA TOTAL "" "" "" "" "" "" "" "" "" "" "" "" ""	946 100 46.500 6 823 77 75.684 15.484	ALBERTA TOTAL TOTAL A NOT 1994 PERCENT OF ALBERTA TOTAL	10. 10. 10. 10. 10. 10. 10. 10. 10. 10.	MECONI ME
THE BETTER SILES  TOLLIES ON NALES  STAND  TOTAL  SAND TOTAL  FALSE  FALS  FALSE  FALS  FALSE  FALS  FALSE  FALSE  FALSE  FALSE  FALSE  FALSE  FALSE  FALSE  FALSE	#11 90, 41,00 16,100 76,20 7 4-3 81,00 74,00 71,	PERCENT OF ALBERT  OF ALBERT  FERCION OF ALBERT  TOTAL	601 500 61 27 7 254 54 66 61 61 61 61 61 61 61 61 61 61	PERCENT OF ALERTA SOTION OF THE ALERTA SOTION OF TH	,301 PO 90,201 10,500 21,701 10,701 10,701	PERCONT OF ALERTA TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL	GMT MG.  FK MM P 1 MG P	PERCENT OF ALBERTA TOTAL * * * * * * * * * * * * * * * * * * *	949 140, -30 46, -30 6 423 73, 750 -173 71, EM 1844, TK 1844 180 180 180 180 180	ALBERTA TOTAL TOTAL NO 1986 PRODUCT OF AUGUSTA	100, 10, 564 1, 400° 15, 400° 15, 400° 15, 400° 16, 400°	MERCONT MARKETTA
THE BETTER SALES  OCLUSION ON PARKET  OCLUSION  TO SALES	#11 90, 41,461 1,100 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,	PERCENT OF ALBER	52, 50, 50, 50, 50, 50, 50, 50, 50, 50, 50	PERCENT OF ALERTA TOTAL OF ALERTA TOTAL PORT OF ALERTA TOTAL	,5° PO 90,25° PO 10,3	PERCONT OF ALEXTA TOTAL	(8F) FK 6M (1 15 FK) (14 FK) FK 8M (14 FK) F	PERCENT OF ALESTA TOTAL * * * * * * * * * * * * * * * * * * *	946 160 46.000 6 477 77.600 177 17.600 1804.751 1804 180 180 180 180 180 180 180 180 180 180	ALBERTA TOTAL TOTAL TOTAL A NOT THE PRODUCTOR TOTAL TOTAL TOTAL	100, 10 564 6.467 1.467 15. 819 15. 819 160, 180 321	MERCONI MERCON
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THE REPTION SOLES  WAS ASSOCIATED TO THE SOLES  FOR	#11 95. 45, odd 5, idd 16, idd 16, idd 7 443 88,651	PERCENT OF ALBERTA OF ALBERTA OF ALBERTA TOTAL  FERCENT TOTAL  # # # # # # # # # # # # # # # # # # #	61. NO. 61.27 7. No. 606 47. DO. 606 47. DO. 606 40. NO. 606 40.	PERCENT OF ALLERTA TOTAL OF ALLERTA TOTA	.01 10 1.00 1.00 2.00 2.00 2.00 2.00 2.0	PERCENT OF ALERTA TOTAL OF TOT	1867 1960 1 1970 21 864 21 864	PERCENT OF ALESTA TOTAL	946 9C. 46.105 9 627 77.850 17.854 18.641.TH 18.65 18.	ALESTYA TOTAL TOTAL NO 1964 PROCESS TOTAL TOTAL	HC, 15 H2 H2 H2 H2 H2 H2 H2 H2 H2 H2 H2 H2 H2	MERCENTA MERCEN
The ERPTON SOLES  (ALL SOLES AND ALL SOLES  (ALL SOLES AND ALL SOLES  (ALL SOLES AND ALL SOLES  (ALL SOLES AND ALL SOLES  (ALL SOLES AND ALL SOLES  (ALL SOLES AND ALL SOLES  (ALL SOLES AND ALL SOLES  (ALL SOLES AND ALL SOLES  (ALL SOLES AND ALL SOLES  (ALL S	#11 90, 41,425 14,100 7 41,5 81,25 8	PERCENT OF ALBERT  OF	65 Mg cr 12/4 Mg cr 22	PERCENT OF ALLERTA STORY OF ALLERTA STORY OF ALLERTA STORY OF ALLERTA STORY OF ALLERTA STORY OF ALLERTA STORY OF ALLERTA STORY OF ALLERTA STORY OF ALLERTA STORY OF ALLERTA STORY OF ALLERTA STORY OF ALLERTA STORY OF ALL	30 RO 31 SE COMMON TO SE COMMON	PERCONT OF ALEXTA TOTAL	1867 1960 1 1970 21 864 21 864	PERCENT OF ALESTYA TOTAL	946 9C- 46,105 9 629 77,100 17,884 8EALTH 1946 97 20,20 98 99 99 99 99 101 101 101 101 101 101 101	ALBESTA TOTAL TOTAL ST 1994 PRODUCT OF ALBESTA TOTAL	HC. 1554 1,467 1,467 15 10, 83 10, 83	PERCONT PERCONTT PERCONT PERCONTT PERC
THE REPTION SOLES  WAS ASSOCIATED TO THE SOLES  FOR	#11 95. 45, odd 5, idd 16, idd 16, idd 7 443 88,651	PERCENT OF ALBERTA OF ALBERTA OF ALBERTA TOTAL  FERCENT TOTAL  # # # # # # # # # # # # # # # # # # #	61. NO. 61.27 7. No. 606 47. DO. 606 47. DO. 606 40. NO. 606 40.	PERCENT OF ALLERTA TOTAL OF ALLERTA TOTA	.01 10 1.00 1.00 2.00 2.00 2.00 2.00 2.0	PERCENT OF ALERTA TOTAL OF TOT	1867 1960 1 1970 21 864 21 864	PERCENT OF ALESTA TOTAL	946 9C. 46.105 9 627 77.850 17.854 18.641.TH 18.65 18.	ALESTYA TOTAL TOTAL NO 1964 PROCESS TOTAL TOTAL	HC, 15 H2 H2 H2 H2 H2 H2 H2 H2 H2 H2 H2 H2 H2	MERCENTA MERCEN
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THE REPTION SOLES  MALES ON MALES  INCOLLAND  FRANCE SOLES	201 00, 00 0 0 0	PERCENT OF ALBERTA OF	601 500 61 27 7 254 51 000 61 27 77 204 61 27 60 20 60 2	PERCENT OF ALLERTA TOTAL OF ALLERTA TOTAL OF ALLERTA TOTAL OF ALLERTA TOTAL OF ALLERTA TOTAL OF ALLERTA TOTAL OF ALLERTA TOTAL OF ALLERTA TOTAL OF ALLERTA TOTAL OF ALLERTA TOTAL OF ALLERTA TOTAL OF ALLERTA TOTAL OF ALL	301 10.00 11.00 11.00 10.30 10	PERCENT OF A SECRET OF THE SEC	1867 196, St. Steff 21 505 21 505 406 406 406 406 406 406 406 406 406 406	PERCENT OF ACADEMY OF	866 0G. 46.10G. 47.10G.	ALESTYA TOTAL TOTAL NO 1964 PROCESS TOTAL TOTAL	HC. 1554 1,467 1,467 15 10, 83 10, 83	PERCONT PERCONTT PERCONT PERCONTT PERC
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The definition $(x,y)$ and $($	## 95, 44 46 1, 48 46	PERCENT OF ALBERT  OF ALBERT  OF PERCENT OF ALBERT  OF PERCENT OF OF OF OF OF OF OF OF OF OF OF OF OF O	(6) (6) (7) (7) (8) (7) (8) (9) (9) (9) (9) (9) (9) (9) (9	PERCENT OF ALBORITOR OF ALBORIT	.00 PG .201 LOUGH .201	PERCENT ALEST ALE ALEST ALEST ALEST ALEST ALE	GMT (M) (M) (M) (M) (M) (M) (M) (M) (M) (M)	PERCENT ALECTA TOTAL TOT	966 FC. 44, 300, 46, 300, 47, 73, 700 FC. 77, 700 FC.	PERIODITY A	HD, 12 May 1	PERCENT A
THE REPORT OF THE PROPERTY OF	#11 99.0 41 5, 100 11 7 10 10 10 10 10 10 10 10 10 10 10 10 10	PERCENT OF ALBERT  PERCENT OF ALBERT  PERCENT OF ABOUT OF	(株) 株) イン (株) イン (株) イン (株) (株) (株) (株) (株) (株) (株) (株) (株) (株)	PERCENT OF ALBORRA	.00 (0.20 m) (0.70 m)	PERCENT ALBERTA TOTAL TO	(ME) (ME) (ME) (ME) (ME) (ME) (ME) (ME)	PERCENT TOTAL	346 9C, 46, 500, 46, 500, 46, 500, 46, 500, 46, 500, 47 77, 780, 477 71, EMI MEALTH:	PERCENT OF A TOTAL	HE, 12 PA PA PA PA PA PA PA PA PA PA PA PA PA	PERSON PROPERTY PROPE
with definition to the control of th	## ## ## ## ## ## ## ## ## ## ## ## ##	PERCENT OF ALBERT  OF	(01, 100) 60, 27 (10) 70 (10) 61, 27 (10) 61, 27 (10) 61, 100 61, 100	PROCESSOR OF ALBORITON OF THE PROCESSOR OF ALBORITON OF THE PROCESSOR OF T	.001 190 61,232 AL COME 12, 100 10, 100 10, 100 100 100 100 100 100 100 100 100 100	PERCENT ALERTAL TO	(ME) (ME) (ME) (ME) (ME) (ME) (ME) (ME)	PERCENT ALECTA TOTAL TOT	966 PC PC PC PC PC PC PC PC PC PC PC PC PC	PERIODITY A	HIS, HIS HIS HIS HIS HIS HIS HIS HIS HIS HIS	PERCENT A
Med Beffore LEAS  ALLEGATION AND ALL	201 100 100 100 100 100 100 100 100 100	PERCENT OF ALBERT  OF	(01, 100, 100, 100, 100, 100, 100, 100,	PERCENT OF ALBORITA	JET POPA	PERCENT TOTAL TOTA	GMT INFO GM IN	PERCENT OF A SECTOR TOTAL TOTA	396 9Q, 46, 300, 46, 300, 46, 300, 46, 300, 46, 300, 47, 77, 77, 770, 477, 77, 770, 477, 477	PERCENT A	100. 10 Miles 10 Mile	PERCENTA  PERCEN
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4	HO.	- 7	ű	178	-	182	.405	691	1.439	16,207	544	5	21 285
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7. COR SERVE OF TORON	100.		100		-	10	100		-	Mr./N			25,46
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				6.794	3.812	12,000	47.479	23 199	25.347	323.634	75 904	707	699-655
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Turns 207 - BOSTMELACK OF AUSSETA POPULATION BY CÓMICO DIVISION - 100

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			BRTHMAGE	OF ALBERTA POPULA	than by sansus	DOFSION INC	(Carminuta)		
CILIMPIS COVINCIN NO.			KINDON	CONSTRUCTOR CONSTRUCTOR COUNTRIES	PATES	SIMOPEON COUNTRIES	ABSK*IL DOUGTNERS	OTHER COUNTRIES	T0"AL
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OTAL.

80, 614 10, 711 10, TALK 203. BUYTHFLACE OF ALBERTA POPULATION BORN IN UNITED KINGBOM AND EUROPE. BY CENSUS DIVISIONS, 1951 康马罗亨四月阿克威克罗亨四月马里克几日爵岛民产的克拉克四月四月 1000 克里 4, 46 dil 10 dil 가 돌아 돌아 등이 들의 일당 올아 들아 토건 들이 독점 글이 되어 투어 돌아 모아 보다 된 · 중 · 중 中国 医克克斯氏甲基甲氏腺素 医多角皮肤 医黄色 医克克氏氏病 医皮肤皮肤 医红色 化二甲基 

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Train 204	r.».«204.—пимевант роригатою ву ревнов от нимеватися анд витиралох вноwing percentage об Grand Total — alberta, 1931	ANT P	MIGRANT POPULATION BY PERIOD OF IMMIGRATION AND B BHOWING PERCENTAGE OF GRAND TOTAL — ALBERTA, 1991	¥ 90	PERIOD OF	TAL -	RATION	AND B1	RTHPLA	8			
BUNTHPLACE	BEFORE 1911 NO. %	£.8e	1911-1920 NO. 8	88 88	25	1930	1931-1940 NO. 28	gw.	1M1-1948	\$2 kg	35	1946-1951 NO %	No
UNITED KINGDOM	23,744	7	21,394		17,116	2.4	1,342	8	1,521	8.6	8,701	3.45	73,818
OTHER COMMONWEAL, TH COUNTRIES	291	2	192	1,	188	ŧ	40	18.0	9	8,0	363		1,139
UNITED STATES	25, 520	9 4	17,657	ž	6,498	2.7	2,067	1	256	8,6	3,206	Ę	\$5,504
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FINLAND	282	Ē	199	1	230	į	22	ı	44	ı	2.8	*	7.06
FIRANCE	494	3	378	:	150	1	22	1		1	180	3	1,236
GERMANY	1,280	:	648	÷	2,808	-	2.84	Ī	17	1	1,687	:	7,275
ITALY	493	:	269	9.6	493	ž	90	7	*	1	546	9	2, 171
NETHERLANDS	338	:	463	:	839	1	Ξ	1.	21		4,949	4,4	6,741
POLAND	3 036	3	2,094	2	9,905	÷	2, 220	R.	42	:	5,422	9.	22,759
RUSSIA (U.S B R.)	6,352	**	5,171	į	9,37	1,1	1,068	į	22	ş	3,940	18.	27, 930
GCANDINAVIAN COUNTRIES	4,545	3	3,105	ă,	5,376	4,1	247	3	11	:	1,071	:	14, 361
OTHER EUROPEAN COUNTRIES	2, 161	3	1,721	ě,	5, 123	=	8	8 10	\$	2	1,970	ě	11,910
CHINA	693	2	M80	2	370	2	Ŧ	976	20	:	878	9.54	2,588
JAPAN	231	ŝ	249	ž	235	8	101	6.01	В	ı	13	:	834
OTHER ASIATIC COUNTRIES	=	ž	49	ş	8	2	24	1	•	1	102	ă,	326
OTHER COUNTRIES	8	2	8	4.6	2	2	r	8.0	20	1	129	9.0	446
TOTAL	74,873	#	56, 735	3.6	62, 523	11.14	9,690	8	2,455	3	33,780	18	240,016
4 PIRST FIVE MOSTNB ONLY IN UM 46 LESS FALM 6,45%													

PERST FIVE MONTHS ONLY IN 1991,

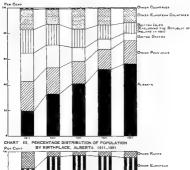
TABLE 205. - IMMIGRANT POPULATION BY PERIOD OF IMMIGRATION FOR CENSUS DIVISIONS

	786	4,18	5	7,	ă,	2		4,4	25.67	8.4	3	81 18	2.43	6.3	5,14	1,41	3.35	÷	ğ
	TOTAL NO. %	10,273	21,598	5,040	7,715							55,436							240,016
	*-*	z	2,27	e,	Ľ	=	9,04	98'	Ę	ą	Ŧ.	5	Ę	2	z	F.	=	ş	8,4
	1946—51 NO. 35	1,303	5, 297	710	1,744	300	7,294	479	2,048	921	609	9,795	498	313	1,239	379	787	164	33,780
, 1951	\$ M	ē	ŧ	ą	ą	ě	N.	ē	,07	ą	ģ	ą	ę	ą.	8	ą	10,	ė,	1,01
ALBERTA	NO. 26	92	198	43	70	22	768	30	7	74	22	704	33	75	7.4	38	28	19	2,455
1	유내	ŧ.	ŧ	=	ę.	ş	ş	8	ŧ	ä	#	\$	×		46.	ş	ź	44	2
BRAND TO	1931—40 NO. 26	392	964	255	304	127	1,454	179	685	289	355	2, 238	412	400	270	217	376	159	9,630
6	28	2	8/2	49	5	2	ž	r	4,73	÷	1,1		٩	8	8	2	ž	=	8
SHOWING PERCENTAGE OF GRAND TOTAL ALBERTA, 1951	1921—30 NO. %	1,862	4,856	1,815	1,368	1,208	12,344	1,754	4,177	2,178	3,212	14,710	1,938	1,978	4,630	1,192	3,166	418	62, 523
VING P	286	17		8	ŧ	;	10.0	z		Ŧ.	2	8,1	2	ĕ	9	ź	ą	8	29,44
SHO	1911–20 NO %	2,652	4,065	1,310	1,625	1,172	14,432	2, 136	3,989	2,193	2, 150	12,660	1,314	1,374	2,639	823	1,986	215	56,735
	£ 86	9	2.7	98	*	11	*	?	*	1.3	ŝ	:	ŧ	49	÷	Ħ	\$	4	2
	BEFORE NO.	3,952	6,218	1,207	2,604	1,739	16,474	3, 194	7,394	2,996	3,166	18,329	1,162	1,611	3,149	200	1,661	251	74,873
	CENSUS DIVISION NO.	_	8	n	4	NO.	9	4	-	0	0	=	12	2	14	15	91	17	TOTAL

Fundamental School Annual Control Cont

	8058	2 2	825		==:	223	222	****			
	AMD AMD NOT BYATED	9 %	 2 2 E	2238	223		198	XZSS		05	
	MATTVA INDIAN AND ERICINO	22	2 2 2	====	2~1		+ n -	N 0 0 -		MALES TO	2522
	ARIATIC	2,888	# <u>.</u> #	9523	85	. 45 20 20 20 20 20 20 20 20 20 20 20 20 20	2 2 2	10 8 8 7			712 712 713 713 713 713 713 713 713 713 713 713
	RUND- PEN	16,468	4 4 4 8 4 8 8 br>8 8	110	22	1,014	121	ţi.	124 	POPULATION MALE PERMIE	, 25 to 5, 2
- Change	UCHAL	13,865	121	4 5 7 1 8 2 2 3	100	2 2 2 2	2 2 8	44.4 1.80 1.80 1.80 1.80 1.80 1.80 1.80 1.80	MALES 165		1801 1901 1901 1901 1901
	яслуюн. Мауган	12 m	9, 1, 9, 8, 10, 10 8, 972	598	10.0	, a 4	2,200 1,200 1,000 1,000	1,048 1,080 1,080	THE PROPERTY OF SELF PARK MAJOR CITTES SPORMS THE PROPERTION OF MALES TO PENALES INT-199	MALES TO	- H411 H811 H811 E
and the	RUS SUAN	5,050 2,954	225	100	1 to 1	1 26	9 1 2	E 3 R E	PON OF M		. 8 8 8 10 9
ENTA, 1981	NCL94	7,206	7,48 4,48 4,48 4,48 4,48 4,48 4,48 4,48	385	83	1,1	88.2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	E PROPORT	MALE PENALE	124.6
OH AS	NF. THER LANDS	6,078	7, 688 4, 506	1,428 1,428 1,428	9,0	4,- 5,6 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0 1,0	1,688 724 878	I i i i i	HOWING TH	£ 5	
ND EDMONT	JEWISH	1,627	FEX	8 11 2 1	32	į	2 # #	# 8 # E	e samo	NALES TO	8252
EALSARY A	PALIAN	2 d 2 d	815	940	8 8	378	2 C R	8 2 2 2 2 2 2 2	OUR MADO	POPULATION MALE PENALE	10,987 29,212
AND FOR	GERMAN	30, 346	13,884	6,41 6,41 10 10 10 10 10 10 10 10 10 10 10 10 10		10, 103	200	888E	ži Ži		770, 1 858, CJ 858, 858
	PRENCH	1 682	7 7 F	5,5	ŧ.	10.8	541	E 54 68	WULATION	S EDMONTON	1961 1901 1911 1913
AND FOR COMMISSION OF THE PROPERTY AND EXMISSION AND AND THE ALBERTA, 1981	BRITISH ISLES CREGING	101,854	40, 420 30, 019	818	15, 672 7, 818	82,633 31,597	31 438 22 914 14 488	11 438		MALES TO 100 PEMALES	124, 73 101, 73 101, 23
200	POTAL.	31, 960	25, 426 77, 268	202	10.00		2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	17 18 30 483 37 483		POPULATION	0 K &
	۴	+ 2	F - 2	L F I	1	- 2	k + 2	m H, E m		ě	1222
				1	FARM		-	-		¥	# 5 E E E
		ALBERTA .	WRA	RURAL FARM	RUTAL HOH-PARM	мвич	CALBARY .	EDMONTON		CALCARY	2 2 2 2 2

PERCENT OF A1 BFP74	TOTAL.			2		: 1	ŧ	=	z			1		r	:			2		4	•			Ę	3		OHOED	P'CMA_E		22	269	383	717
	1961	9	0.140	657	4 047	4 340	786	1 236	7,275	244	105	2 171		6,241	100	1 079	1 691	27, 500	ı	4,360	101	1		ž	108.360		DIVORCED	MALE	7	160	413	(8)	100
PERCENT OF ALPEDETA	TOTAL		1	ę		. 4	2	;	į	4 1	ŧ	-	ŧ	ą	2 !			1.00	•	į	ŧ	1	1	ŧ	9.								
	1946	0 ,	2 1	100	4	3 724	913	1 182	1,164	3 807	100	1,680	619	616.	9 9 9	00,000	9.930	16, 516	9	4,786	000	ogo	,	203	88, 836		024	PEMALE	1 092	4, 514	9,413	12,234	17 564
PERCENT OF	TOYAL	e	ą	ę	. 1	, ,	2	ŧ	R.	Ę:		1	ų	ı			1	-	ş	r	1			ş	3	1991 1991	WIDOWED	AALE	989	909	6,674	3.814	2000
	1941	30.	2	9 0	7 700	4.32	1,058	1,402	5, 867	200	120	0.88	702	2,142	6,927	70,40	8.34.8	17,748	Z,	9,401	976	1		380	102 717	ATRIBLA		2					•
PERCENT OF	TOTAL			Ę		. 4		ņ.	:	Ę	1	ą	ţ	ą	: :		17.7	:	ą	5	= :			ą	9.7	SEX POR	0	FEMALE	12, 900	62, 653	110,298	37,615	
	105	9	200	350	4 406	9. 300	1,310	1,738	B, 121	7 167	214	2, 321	639	2,486	0,870	1,1	8.009	15, 54	2	2,5	100	100		982	113,636	TATUS AND	William	le.			117 223		
OF OF	TOTAL			Ę	. :		ą	er.	ŗ	ą:	ŧ	ą		į	::			247		=	ę i			ą		181 (91 ATBEAN SON SAMETAL STATUS AND BERN FOR ALBERTA 191 (81)		MAL	ě	71.	117	148	
- '	1831	9 ,	2,50	200.	1 108	2, 352	264	2, 131	200	412	12	2,486		1,765		4, 100	0.073	11,572	ı	6,033	130	200	6.807	282	69,743	ATION BY		445	18 668	60,039	144 041	254	
OF OF	TOYAL			ŧ.	. 1		5	Ę	2	1 :	,	ŧ		Ę	1			3.63		ŗ			200	ą	£ p	9 - POPU	SINGLE	Œ				170	
e. a		2	10,380	1,007	181	1.360	610	1,843	6,102		535	1,643		1,136	ž,			10,01		6,345		. ,	8.816	989	177 #8	TARR 2		MALE	27 182	148.846	196, 863	262.595	443 500
	ALBERTA POPULATION BORN IN	E-URCOPE.	AUSTRIA	SELECTION OF STREET	TO SECURE OF ARTA	DENMARK	FINCAND	FRANCE	CERMANN	MERCE	CELAM	TALY	LITHUANIA	RETHERELANDS	CORWAY NO. 410	REBUM IC OF TRELAND	DUMANIA	HUSSIA (M S, S R )		WEDER	SWITZERLAND Control	CIGORIA AVA	IA. ACIA	OTHER COUNTRIES	TOTAL			POPULATION	73,022	374 295	563,454	731.608	705 140



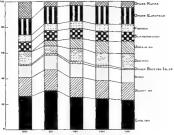
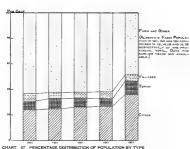


CHART 66 PERCENTAGE DISTRIBUTION OF POPULATION BY RACIAL ORIGIN, ALBERTA, 1911 1991



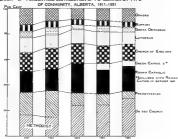


CHART 68 PERCENTAGE DISTRIBUTION OF POPULATION BY RELIGIOUS DENOMINATION, ALBERTA, 1911-1951

ALTETYA	2,099	1 100			
BURAL FARM	267	134	ATMARARCA	1,901	1 235
pryseion I	The Con-	404	BARRYEAD	1,666	759
	fes.	441	BEVENLY	1.6%	890
	900	*54	BLAIRHORE	2,587	1.510
	461	498	BOWNYYLL E	1,657	1,190
,	***	682	BOWNERS	2,176	1,050
	1.001	986	ancová	9,404	1,175
,	906	409	CALGARY	1,747	1.343
	906	507	CAMROSE	2,667	1 (10
	901	129	CARDSTON	6,000	1,790
	190	695	CLARESHOL N	1,005	1.442
	7.2/8	941	COLEMAN	2,000	821
	624	634	DIDEBURY	3,177	1 175
u	622	atte	DRAWNELLER	2,463	1,219
**	863	796	EDMONTON	2,291	1.179
11	1,610	193	6080×	2,486	945
19	299	425	FOREST LAWN	£,5M	1,940
17	619	426	FORT SASKATCHEWAN	1,915	1,114
			GRANDE PRAIRIE	3,000	1 140
MURAL NON-FARM	1,964	949	MARINA	3,286	179
DIVIDION I	(,843	1 100	HIGH PRAIRIE	1,466	100
	5 962	901	HIGH RIVER	2,113	1,067
3	2,000	9 354	provide Alic	2,000	1.594
	2.176	+,163	JARPER PLACE	2,167	862
,	2,000	1,470	LACOMPE	1,805	5,181
	5,846	912	Fapos	1,100	941
,	1,495	958	LETHERIDGE	3,306	1,196
	1 996	1,054	MACLEGO	3 168	1.954
	6,893	179	MAGRATH	5,297	764
16	1,000	903	MOLENNAN	1,825	1.403
11	2,317	1,096	MEDICINE HAT	2,557	1 139
12	5,299	965	05.00	2,710	1,001
10	1,500	800	PEACE RIVER	1,530	905
54	1,495	100	PINCHER GREEK	2.610	1 199
	1,000	196	POHOKA.		1,341
16	1,835	966	NAVMOND REDCLIFF	2 180	1,447
ls.	2 900.	276		2 140	1,447
			BED DEEN	1,701	1,250
UABAN	1,254	1,887	REDWATER ROCKY MOUNTAIN HOUSE	2,000	1.88
SIVIEIGN C	2,105	1,000	PT ALBERT	1,723	577
	2,200	1,395	ST ALBERT	2,451	1,000
,	2,470	1,145	ATETTLES	2,100	1,005
4	2,625	1.000	*****	1,000	22
:	7,48	1,000	THESE NILLS	1,471	786
•	2,40	1,241	VEGREVILLE	1,997	1.00
	1,00	1,94	YERMALION	1,477	1 100
:	1,00	1,019	YULGAN	1,007	941
	1 549 1.000	1,010	WAINWRIGHT	2.160	1,000
**	2,369	1,000	WESTLOSK	1,407	*10
	2,000	.,00	WETABEIWIN	2,461	951
	1,300	1.00			
19	1,500	1,000			
**	6,120	97			
	3,000	1 (46			

### THE LASOJR FORCE

The labour face includes, reaghly, all people who are working for pay or profit and all who are road y ovar oble for work. For purpose of the 1931 censur the labour force included all persons 14 years of age and over, who, during the week eating June 2, 1931

- (a) Worked for pay or profit or did unpaid work that contributed to the running of a form or business operated by a member of the household.
- (b) Had jobs but did not work because of illness, bad weather, vacation, industrial dispute or temporary layoff with definite instructions to return to work within 30 days of being laid off
- (c) Were without jobs and were seeking work during the week. This class includes those who would have looked for work except that they were temporarily if , were on 'ndefinite or prolonged layoff, or be seved that no work was available.

The portion of the population not in the labour force includes those under 14 years of age, persons on no to school, kneama house, retired or voluntarily idle, persons under 14 years of age, persons

going to schools, seeping notice, remain or voluntarity role, personal remaining and one to work, volunteer workers and others.

In 1951, the Alberta labour force included 353,898 persons or 37.7 per cent of the entire population.

In 1791, the Alberta labour force inc. used 353,578 persons or 37.7 per cent of the entire popurlation of the province. It included 82.4 per cent of all males 14 years of age and over, and 20.0 per cent of all women 14 years of age and over.

The 1951 labour force in classified according to both invastity and acceptation in the industrial coalistification on celestrains is paid to the type of well-performed by the individual, but only to the activity of the employing form. A stendagophar angioyed by a biospositation from, for example, would be individual with individual coalistic form would be included under interportation, while not convive employed by a construction from would be included in the contraction for the production of the contraction of the production of the contraction of the production of the contraction of the production of the contraction of the production of the contraction of the production of the contraction of the production of the contraction of the production of the contraction of the production of the contraction of the production of the contraction of the production of the prod

The accompanying graph shows the trend in the labour force in Alberta by Industries (1941-1951). The agriculture industry is the only one shown with a declining labour force, while the other industries are all shown to be growing with the trade, construction and service industries making revolvely reprid increases in the size of their labour forces.

The labour force engaged in the agriculture industry is broken down according to the major classifications, for the years 1941, 1946 and 1951 in the following table:

AGRICULTURAL LABOUR FORCE - ALBERTA - AT JUNE 2, 1941, 1946, 1951 1946 1951 1941 No. No. No. Mixed Forming & Stock Raising --- ---69,943 67,111 71.786 Grain Farming & Crop Combinations ----66,445 48,254 38,032 1,720 2,959 1,379 Doiry Farming-----Fruit and Flower Culture, & Nurseries 274 303 3.40 Vegetable Farming 730 545 1,217 Fue Farming-----583 572 44 248 Poultry Rais og-----236 990 Brekeeping - -- -----107 Other Agriculture 1.263 706 25 141,196 121,547 113,550 Total: Agriculture Services & Experimental and University Farms ---1,474 TOTAL: 141.196 121.547 115.024

While the classes do not seem to be strictly comparable from census to census in all cases, they indicate the decrease in the total agricultural labour force and stend towards greater diversification during the decade.

to 38,989 men and 32,080 women in 1951. Employees of federal, provincial and municipal governments Increased from 16 per cent of all members of the service labour force in 1941 to 42 per cent in 1946 and declined to 31 per cent in 1951. SERVICE LABOUR FORCE - ALBERTA - AT ILINE 2, 1941, 1946, 1951

1941

1946

1951

	No.	No.	No
Government	7,990	26,629	22,158
Health	5,545	6,768	10,513
Education	7,826	7,354	10,153
Hotels & Lodging Houses	4,271	5,554	6,000
Restourants & Cafes	4,143	4,530	5,948
Private Homes	10,828	4,802	4,585
Other Service	7,880	8,502	12,432
TOTAL	48,483	64,139	71,789
The number working in private homes, consisting of about	I per cent	men and 99 per ce	nt women,

declined by 55 per cent in the interval from 1941 to 1951. Other major services increased from 30 per cent to 90 per cent in the decade. The labour force engaged in refat, trade and wholesale trade increased by 63 per cent and 124 per

cent, respectively.

## LABOUR FORCE ENGAGED IN TRADE - ALBERTA - AT JUNE 2, 1941, 1946, 1951

Retai, Trade	No 19,753	No. 22,049 2,296	No 32, 19 12,366
Whalesale Trade	6,531	B,006 1,475	14,652 8,721

In the case of wholesale trade, large increases were recorded in the labour force dealing in electrical machinery and equipment, form machinery and equipment, oil field machinery and equipment. lumber and building materials, hardware, pumbing and heating equipment, furniture and home furnishings, and motor vehicles and accessories.

Details of changes of the labour force engaged in the manufacturing industry are included in the manufacturing section of this book. While the number of persons engaged in railway transportation increased 32 per cent in the decade from 1941 to 1951, those employed in truck transportation increased 64 per cent. However, the absolute

increase was greater for the rail transport workers.

Rai

TRANSPORTATION LABOUR FORCE - ALBERTA - A	T JUNE 2, 1	941, 1946, 1951	
III way (ncluding express & te:egraph service) uck Trasportation	1941 No 10,245 3,019 1,665	1946 No 10,940 4,165 3,007	1951 No. 3,555 4,937 3,726
TOTAL TRANSPORTATION	14,929	18,112	22,218

In 1951, of the 2,395 persons engaged in storage, 793 were working in grain elevators

In the same year, 360 persons were engaged in radio broadcasting and 1,964 persons, more than half women, were engaged in telephone communication

1951

The number of persons employed in construction activity varies with the season. The following figures reveal the situation during the first week in June of the densus years

### CONSTRUCTION LABOUR FORCE - ALBERTA - AT JUNE 2, 1941, 1946, 1951

1941 1946

Buildings & Structures ————————————————————————————————————	No.	No.	No.
	7,722	10,741	20,041
	2,650	2,284	5,621
TOTAL	10,372	12,945	25,662

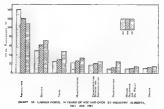
There has been a stiff fit emphasis in the ensing industry from the production of coal to patroleum, in 1941, 80 per cent of those empaged in mannay, quantying and oil wells were engaged in coal enrings with 16 per cent in various phases of oil and gas production, in 1951, coal ensing accounted for only 43 per cent of the labour force white oil and gas wells accounted for 56 per cent. The change was most marked in the interval 1946 to 1951.

### LABOUR FORCE ENGAGED IN MINING, QUARRYING & OIL WELLS - ALBERTA -AT JUNE 2, 1941, 1946, 3951

Coal Mining ——————————————————————————————————	No. 7,953	No. 7,946 7	No. 6,694 1,259	
Oil & Gas Welfs (including Explaration)	1,773	2,041	8,733	

TABLE 211. -- LABOUR FORCE, 4 YEARS OF AGE AND OVER BY INDUSTRY AND SEX ALBERTA AND MAJOR CITIES 1851

		ERTA		GARY		MOTH
	Heat	Female	Mout	Fernan	Macs	From
Torse Population	492,192	447, 306	65, 979	ES, DBI	78, 973	80,65
	929	5,501	123	D80	159	,631
LABOUR FORCE						
And Selectorists	291 269	62, 621	41,000	15,350	40,955	10.79
Amous rives,	*11,479	3,545	354	63	533	
Forgery are Looping	1.853	29	50	7	69	
France are Transpose	271	5	4		13	
Mystee Quantum and On Watta.	14, 984	726	1,467	809	1 908	10
Manufactures	20 111	4.723	B. 125	1.553	8,214	1 88
Entstantery God and Warring	2 152	226	1.053	112	824	,
Construction,	25, 139	473	3,129	176	7, 887	10
TRANSPORTATION, STORAGE AND COMMUNICATION.	24 505	2 419	4,782	729	6, 272	71
Teast	33, 158	13.413	9.005	# 100	6.940	4.75
Finance Insurance con Res. Empre	4 448	3.508	1.485	1 276	1 516	1.19
Ferrite to the state of the state	38, 829	22 800	8, 205	6.751	11 352	9.70
Not States	1 822	516	215	71	420	14
		URDOK.		INE HAT	REMARDER O	
	Hat	French	Mond	Famous	Mare	Fees
Torras Portaction,	H-, 0 11.481	Femile 8 11, 466	M <sub>m, 0</sub> 7, 804	8,460	326, 855	Feat. 54
	H-, 0 11.481	French	M <sub>m, 0</sub> 7, 804	Famous	326, 855	F PROVIS Pena 201. 54 ,499
LABOUR FORCE	H-, 0 11.481	Femile 8 11, 466	M <sub>m, 0</sub> 7, 804	8,460	326, 855	Figure 2011, 54 ,499
Aniourus	Hm.5 11.487 22 7,052	Fe	M <sub>rs.6</sub> 7, soi 16	Pans, 1 8,460 ,364	Ma, 4 328, 855 511 589, 764 108, 788	201. 54 ,499 34,66
Agolie PORCE	Hm.5 11.451 22 7,052	Frank,8 11.466 1,947	Mm.e 2, soi 16, 4,810	7,400 8,400 364	328, 855 511 E69, 764 109, 788 1,529	201. 54 ,429 34,66
Applications and the second and the	Hm.5 11.487 22 7,052	Frank,8 11.466 1,947	Mm.e 2, soi 16, 4,810	7,400 8,400 364	Ma, 4 328, 855 511 589, 764 108, 788	201. 54 ,429 34,66
AGORE PORCE	Hm.5 11.487 22 7,052	Frank, 8 51.466 1,947 2,362 27	M <sub>m, 6</sub> 2, soi 16, 4, 918 365	Fame, 6 8,460 364 1,500 60	Mo., 1 328, 805 511 569, 764 109, 780 1, 529 994 11, 185	201. 5 ,429 34,64 2.30
ADORR PORCE  Lo Industrica  CONTROL THE  CON	Hm.5 11.491 22 7,062 229 3	Fe-in 11.466 11.466 2.362 27 	M <sub>m, 0</sub> 2, 800 16 4, 818 306 29 1, 138	7-4-1-1 8,460 364 1,508 60 	Ma, 1 328, 805 621 689, 764 109, 780 1, 529 994 11, 885 12, 214	201. 5 ,423 24,64 2.30
ABURR PORCE  Service of the service	Hm.9 11.487 22 7,068 229 1 308 1 120 138	Fe-in 11.465 11.465 2.362 27 	M <sub>m, 6</sub> 2, sool 56 4, 510 305 30 1, 133 72	1,506 63 	Me, 1 328, 805 511 509, 704 109, 700 1, 529 994 11, 185 12, 214 1, 906	201. 5 ,423 34,64 2.30
ABOUR PORCE  ALL DAMPSEES  ABSTRACTION  F STEER ON TAXABLE  LANGUAGE  LANGUAGE  ABOUT TAXABLE  LANGUAGE  ABOUT TAXABLE  ABOUT	7,092 229 7,092 219 3 300 1 100 188 388	Fe-in 1 11. 466 1,947 2,362 27 	Mm. c 7, 200 55, 55, 55, 55, 55, 55, 55, 55, 55, 5	7,460 364 1,500 63 	Mount 323, 805 611 869, 704 106, 739 11, 529 994 11, 865 12, 714 1, 906 10, 635	201. 54, 69 201. 54, 69 2. 34, 69 2. 35 31, 69
ABOUR PORCE  ALL DAMPSEES  ABSTRACTION  F STEER ON TAXABLE  LANGUAGE  LANGUAGE  ABOUT TAXABLE  LANGUAGE  ABOUT TAXABLE  ABOUT	Hm.9 11.487 22 7,068 229 1 308 1 120 138	Fe-in 11.465 11.465 2.362 27 	M <sub>m, 6</sub> 2, sool 56 4, 510 305 30 1, 133 72	1,506 63 	Me, 1 328, 805 511 509, 704 109, 700 1, 529 994 11, 185 12, 214 1, 906	201. 54, 69 201. 54, 69 2. 34, 69 2. 35 31, 69
AND COMPANY OF THE STREET OF T	7,092 229 7,092 219 3 300 1 100 188 388	French 11.466 11.466 2.367 2.362 27 	M <sub>m.0</sub> 2, not 15. 4,118 305 29 1,130 72 425 811 826	7,460 364 1,500 63 	Mac, 1 321, 205 511 500, 700 100, 700 1, 529 994 11, 185 12, 214 1, 900 10, 205 11, 532	201. 54, 499 24, 499 24, 499 24, 499 24, 499 25, 499 2
ABOUR PORCE  ALL INSTITUTE  Freeze on Transm.  Freeze on Transm.  Auditoriand  Audi	Hm.9 11.427 22 7,058 229 3 306 1 120 138 988 1 608	Frends 11.466 1,947 2.362 27 	M <sub>m.e</sub> 2, and 54, 310 54, 310 365	1,500 60 1,500 60 	Me, 1 328, 805 511 509, 704 100, 700 1, 529 994 11, 605 12, 714 1, 906 10, 635 11, 302	201, 60 201, 60 20, 60 2, 50 1, 50 1, 50 1, 50 1, 60 1, 60
Applications of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second	Hm.9 11.42 22 7.068 229 3 100 120 120 120 100 100 100 100 100 100	French 11.466 11.466 2.367 2.362 27 	M <sub>m.0</sub> 2, not 15. 4,118 305 29 1,130 72 425 811 826	Femal, 1 8,460 364 1,506 60 — 	Mac, 1 321, 205 511 500, 700 100, 700 1, 529 994 11, 185 12, 214 1, 900 10, 205 11, 532	Feat. 54



# TABLE 212 \_\_ABBUR FORCE, 14 YEARS AND OVER, BY OCCUPATION AND SEX, AND MAIN CITIES, ALBERTA, 1951

	ALB	ERTA	CAL	GARY	Ермо	ONTON
	Marie	FEMALE	Male	FEMALE	Mace	FEMAL
TOTAL POPULATION.	492, 192 939	447,309 501	63,979 12	65,081 9,080	78, 973 151	80,658 9,631
LABOUR FORCE						
AL OCCUPATIONS	291,269	62, 629	41,030	15,350	48,955	18,756
PROPRIETARY AND MANAGERIAL	24,356	1,992	5,506	428	6,102	408
PROFESSIONAL	13,233	10,152	3,373	1,930	4,112	2,866
Chicago and an annual and an annual	11,745	17, 554	3,718	6,154	4,622	7,185
Agnicus Tunas commission and a second	111,745	3,351	702	40	729	38
FIRMING, HUNTING TRAFFING	548	5	1		8	
Loos wa	1,348		24		44	
MINIMS AND GRARRYING	7,475		167		607	
MARGRACTURING AND MECHANICAL.	22,906	2,586	5,740	808	6,511	1,172
ELECTRIC LIGHT AND POWER PRODUCTION	2,891		486		564	
CONSTRUCTION	18,760	54	4,232	5	5,936	16
THANKFORTATION	22,483	209	3,950	89	5,197	55
COMMUNICAT ON	2,189	1,370	513	300	690	319
COMMERCIAL	12,900	7,435	3,345	1,853	3,678	2,224
Service (Park university of Programmes)	2,149	105	722	41	827	4.117
	18, 270	16, 856 465	4,963	3,506 132	4,721	4,117
Nor S-ATED	18,318	465 495	3,398 190	132	4,249 358	190
		LETH	BRIDGE	MEDIC	INE HAT	
		Mace	Fenale	Model	FEMALE	
Total Porquation		Mac. r 11,481		M <sub>ALE</sub> 7,904		
Total Population		Mac. r 11,481	Fena.e 11,466	M <sub>ALE</sub> 7,904	FEMALE 8,460	
		Mac. r 11,481	Fena.e 11,466	M <sub>ALE</sub> 7,904	FEMALE 8,460	
ALL COOLUMNTIONS		MAL E 11,481 22	Female 11,465 987	7,904 16	FEMALE 8,460 i,364	
LABOUR FORCE ALL Occupations People stady and Manager ac.		MAL E 11,481 22 7,062	11,465 987 2,352	7,904 16	FEMALE 8,460 i,364	
LABOUR FORCE ALL COOLPATIONS PROFE STARY AND MANAGER AS:	**************************************	Mac 8 11,481 22, 7,062 981	7 EHALE 11,465 987 2,352 43	7,904 16 4,518 488	8,460 i,364 1,505 47	
LABOUR FORCE ALL ODOUBTIONS PROFESSIONAL	**************************************	Mac 8 11,481 22, 7,062 981 417	Female 11,466 987 2,352 43 362	7,904 16 4,518 488 229	5,460 i,364 1,505 47 242	
LABOUR FORCE  ALL Occupations  People stand and Manager ac	**************************************	MALE 11,481 22 7,062 981 417 492	11,465 987 2,352 43 352 701	7,904 16 4,518 488 229 236	8,460 i,364 1,505 47 242 317	
LABOUR FORCE ALL OCCUPATIONS PROFILE STANKY AND MANAGER ALL PROFILE STANKY AND MANAGER ALL PROFILE STANKY AND MANAGER ALL PROFILE STANKY AND MANAGER ALL LOCAL COLUMN AND MANAGER ALL LOCAL CO	Describes of a	MALE 11,481 22 7,062 981 417 452 246	11,465 987 2,352 43 352 701	7,904 16 4,518 488 229 236	8,460 i,364 1,505 47 242 317	
LABOUR FORCE  ALL OCCUPATIONS  PROCE STANY AND MANAGER ALL  PROCESSIONS  CENTRAL  ASSICLATIONS  TO SAN DESCRIPTION TRANSMISS  LOGO MS  MINISTRA AND GULVENING  MINISTRA AND GULVENING	0000000 00 0	MAL E 11, 481 22, 7, 062 981 417 492 246 2 3 282	Female 11,465 987 2,352 43 362 701 11	7,904 16 4,518 488 229 256 317 9 13	FEMALE 8,460 i,364 1,505 47 242 317 46	
LABOUR FORCE  A. Octobridge  Page Erray And Manage A.  Processions.  Carrierons.  Asserting A.  Asserting A.  Minima Asserting A.  Mini	200 100 10 10 100 100 100 100 100 100 10	MALE 11,481 22, 7,062 981 417 452 246 2 3 282 829	11,465 987 2,352 43 352 701	7,904 16 4,518 488 229 236 317 3 13 708	8,460 i,364 1,505 47 242 317	
LABOUR FORCE  As Occupances  Pages from you Muselin as	Manager of a	MAL E 11,481 22, 7,062 981 417 452 246 2 282 829 84	Female 11,465 947 2,352 43 352 701 11	7,904 16 4,518 488 229 317 3 13 708 75	8,460 i,364 1,505 47 242 317 46	
LABOUR FORCE As. Occupantions Page 8 trady and Monaton a. Carena. Carena. Service, Monaton a. Look et a. Monaton and Monaton a. Monaton and Monaton a. Monaton and Monaton a. Monaton and Monaton a. Monaton and Monaton a.	AND ADDRESS AND AD	MALE 11,481 22, 7,062 981 417 452 266 2 3 282 829 84 741	Female 11,465 947 2,352 43 352 701 11	7,904 16 4,518 488 229 256 317 3 13 708 75 386	FEMALE 8,460 i,364 1,505 47 242 317 46	
LABOUR FORCE As. Occurrence Page of Cardy and Manager as.  Astronomy and Manager as.  Astronomy and Manager as.  Links as.  Astronomy and Manager as.  Except as.	MANAGEMENT OF THE PROPERTY OF	Mac E 11, 481 22 7,062 961 447 492 246 2 2 3 282 829 84 741 957	2,352 43 352 701 11	7,904 16 4,518 488 229 256 317 3 13 706 75 386	FRMALE 8,460 1,364 1,505 47 242 317 45 130 222 1	
LABOUR FORCE As Observations Associations Control of Management Co	200 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mar. E 11, 481 22 7,062 981 417 492 246 2 282 282 829 841 941 957	2.352 43 352 701 11	7,904 16 16 16 16 16 16 16 16 16 16 16 16 16	FRMALE 8,460 i,364 1,505 47 242 317 46 130 22 1 1 17	
LAROUR PORCE AL ORMANDO A	Management of the second of th	Mar. t 11, 481 22, 7, 062 961 417 427 452 246 2 3 282 829 84 741 957 96 96 96 96 97 98 98 98 98 98 98 98 98 98 98 98 98 98	2,352 2,352 43 352 701 11	7,904 16 4,518 488 229 256 317 3 13 708 70 386 811 70 322	FRIMALE  8,460 1,505 47 242 317 46 130 22 1 17 277	
LAROUR FORCE AL ORONANTOR PERSON AND MARKET IN	MANAGEMENT OF THE PARTY OF THE	Mar. E 11, 481 22 7, 052 961 417 432 24 2 3 3 282 829 829 847 741 96 659 9113	2,352 43 362 701 11 91 1 8 55 425	7,904 16 4,518 488 229 256 317 3 13 708 75 386 81( 70 322 42	8,460 5,264 1,505 42 242 317 46 130 22 1 17 277	
LAROUR FORCE As. On-normer Parter starts and Manager is	AND AND AND AND AND AND AND AND AND AND	Mar. E 11, 481 22, 7, 062 981 417 492 246 2 3 282 829 84 741 937 96 989 113 510	11,465 247 2,352 43 352 77 70 11 8 55 52 55 5425 5	7,904 16 16 16 16 16 16 16 16 16 16 16 16 16	FRINALE 8,460 i,264 1,505 47 242 317 46 130 22 1 1 17 277 67	
LAROUR FORCE AL ORONANTOR PERSON AND MARKET IN	AND TO SERVICE STATE OF THE SE	Mar. E 11, 481 22 7, 052 961 417 432 24 2 3 3 282 829 829 847 741 96 659 9113	2,352 43 362 701 11 91 1 8 55 425	7,904 16 4,518 488 229 256 317 3 13 708 75 386 81( 70 322 42	8,460 5,264 1,505 42 242 317 46 130 22 1 17 277	

ALL OCCUPATIONS SO

PROPRIETARY AND MANAGERIAL .....

G. ERICAL

AGRICULTURAL .....

OTHER PRIMARY

MANUFACTURING AND MECHANICAL (I)

MANUPACTURING AND MECHANICAL (I)	1,036	126	1,957	128	335	28
CONSTRUCTION	593	22	1,501	2	198	
TRANSPORTATION AND COMMUNICATION	1,216	35	2,018	151	425	28
COMMERCIAL AND FINANCIAL , THE OF THE PARTY	556	358	1,170	546	185	101
SERVICE (S)	439	602	904	1,201	185	218
LANGUAGES (0)	658	30	1,141	19	233	3
Not States	40	18	135	39	35	8
	Divis o		Divisio	» No. 5	DIV-\$10	
	Maux	FEMALE.	Maur	FEMALE	Mace	FEMALE
	No.	No.	No.	Ne,	No,	No.
ALL OCCUPATIONS IN	9, 163	1,116	5,779	616	61,784	18,814
PROPRIETARY AND MANAGERIAL	685	53	300	42	6,836	363
PROFESSIONAL	242	241	151	128	4,097	2,490
CLERICAL	128	129	64	80	4, 162	6,651
Admicial Tural	5, 575	112	3,499	59	9,892	308
OTHER PRIMARY	173		572		1,554	1
Манигастивно ано Месканіса. 12	784	11	247	4	7,924	904
Construction	319		105		5,524	6
TRANSPORTATION AND COMMUNICATION,	432	56	474	26	6,109	506
COMMERCIAL AND FINANCIAL	309	109	165	67	4,783	2,258
Seav-ce (t)	200	393	99	206	6,186	4,864
MARCURERS (I) . I re-store room - re-sto	283	5	122		4,539	165
Not States	33	7	12	2	268	86
			n		D	N 0
		n No. 7		No. 8	Division	
	MALE	FEMALE	Мися	FEVALE	MALE	FEMALE
A. O.	Male No.	Female No.	Ma <sub>L</sub> e No,	No.	Male No,	FEMALE No.
ALL OCCUPATIONS (C	Male No. 12, 201	Female No.	Mac.e No. 21,645	No. 3,715	Mar.e No. 10, 101	FEMALE No. 1,081
PROPRIETARY AND MANAGERIAL OF SOUTH	Male No. 12, 201 527	Female No. 1,318 52	Ma <sub>4.7</sub> No. 21,645 1,654	No. 3,715 120	Mar.e No, 10, 101 584	FEMALE No. 1,081 78
PROPERTARY AND MANAGERIAL	MALE No. 12, 201 527 234	Female No. 1,318 52 257	Ma <sub>6.8</sub> No. 21,645 1,654 769	No. 3,715 120 752	Mar.e No. 10, 101 584 214	No. 1,081 78 202
PROPERTIES AND MANAGERIAL	MALE No. 12, 201 527 234 125	Female No. 1,318 52 257 133	Mac.e No. 21.645 1,654 769 379	No. 3,715 120 752 512	Male No, 10, 101 584 214 124	FEMALE No. 1,081 78 202 118
PROPERTARY AND MANAGERIAL PROPERTARY AND MANAGERIAL CALE CAL AGRICULTURAL	MALE No. 12, 201 527 234 125 6, 401	Female No. 1,318 52 257	Mac.e No. 21,645 1,654 769 379 12,183	No. 3,715 120 752	MALE No. 10, 101 584 214 124 5, 974	No. 1,081 78 202
PROPRIETARY AND MANAGERIAL  PROPERSONAL  CLER CAL  AGRICULTURAL  OTHER PROMARY	Mal.R No. 12, 201 527 234 125 6, 401 75	Female No. 1.318 52 257 133 250	Mac. 8 No. 21, 945 1, 654 769 379 12, 183 411	No. 3,715 120 752 512 310	MALE No. 10, t01 584 214 124 5, 974 669	No. 1,081 78 202 118 86
PROPRIETARY AND MANAGERIAL PROPERAGONAL CLEE CA. AGRICOL TURAL OTHER PRIMARY MANAGEMENTS ARE MEGICANICAL (O)	Mal.E No. 12, 201 527 234 125 6, 401 75 358	Female No. 1,318 52 257 133	Ma <sub>6.8</sub> No. 21.\$45 1,654 709 379 12,183 411 1,250	No. 3,715 120 752 512	Ma. s No, 10, 101 584 214 124 5, 974 659 506	FeMALE No. 1,081 78 202 118
PROPRIETARY AND MANAGERIAL  GER EA  ABBROOT TRIBA  OFFICE PRIVATE  MANAFACTURING AND MEDICANICAL (D)  CONSTRUCTION  CONSTRUCTION	Mal.r No. 12, 201 527 234 125 6, 401 75 355 291	Female No. 1,318 52 257 133 250 7	Ma <sub>6.8</sub> No. 21.645 1,654 789 3.79 12,183 411 1,250 1,002	No. 3,715 120 752 512 310	Male No, 10, 101 584 214 124 5, 974 689 508 328	Female No. 1,081 78 202 118 86
PROPRIETARY AND MANAGERIAL	Mal.r No. 12, 201 527 234 125 6, 401 75 356 291 587	Female No. 1,318 52 257 133 250 7	Ma <sub>6,8</sub> No. 21,645 1,654 709 3,79 12,182 411 1,250 1,002 1,495	FEMALE No. 3, 715 120 752 512 310 59	Male No, 10, 101 584 214 124 5, 974 669 306 328 798	Female, No.  1,081 78 202 118 86 4
Раопеделения до Маларелии.  Сата сла  Аваголь така.  Манареления  Манареления  Манареления  Манареления  Манареления  Такателения  Так	Mal. r No. 12, 201 527 234 125 6, 401 75 356 291 587 334	Female No. 1,318 52 257 133 250 7	Mac, n No. 21, 645 1, 654 769 379 12, 183 411 1, 250 1,002 1,495 962	FEMALE No. 3, 715 120 752 512 310 59 106 473	Male No, 10, 101 584 214 124 5, 974 669 508 328 798 192	FEMALE No.  1,081 78 202 118 86 4 24 142
PROPRIESTANT AND MARINGERION.  PROPERSONAL MARINESTANT AND MAR	Mal. r No. 12, 201 527 234 125 6, 401 75 356 291 567 334 2,731	Female No. 1,318 52 257 133 250 7 54 128 416	Mac, r No. 21, 645 1, 654 789 3.79 12, 183 411 1, 250 1, 002 1, 495 962 660	FEMALE No. 3,715 120 752 512 310 59 106 473 1,228	Male No, 10, 101 584 214 124 124 5, 974 669 508 328 798 192 242	FEMALE No.  1,081 78 202 118 86 4 24 442 403
Paceagraph and Manageria.  Pagerangan,  Can ea  Anacon Turan.  Other Panasar  Control of the Con	Mal. R No. 12, 201 627 234 125 6, 401 75 350 291 587 334 2,731 415	Female No.  1.318 52 257 133 250 7 54 128 416 3	Mac, n No. 21, 645 1, 654 709 3.79 12, 183 411 1, 290 1, 002 1, 495 962 660 747	No. 3,715 120 752 512 310 59 106 473 1,228	Mai. e No. 10, 101 584 214 124 5, 974 669 506 328 798 192 242 421	Female No. 1,081 78 202 118 86 4 24 142 403 3
PROPRIESTANT AND MARINGERION.  PROPERSONAL MARINESTANT AND MAR	Mal. r No. 12, 201 527 234 125 6, 401 75 356 291 567 334 2,731	Female No. 1,318 52 257 133 250 7 54 128 416	Mac, r No. 21, 645 1, 654 789 3.79 12, 183 411 1, 250 1, 002 1, 495 962 660	FEMALE No. 3,715 120 752 512 310 59 106 473 1,228	Male No, 10, 101 584 214 124 124 5, 974 669 508 328 798 192 242	FEMALE No.  1,081 78 202 118 86 4 24 442 403
Paceagraph and Manageria.  Pagerangan,  Can ea  Anacon Turan.  Other Panasar  Control of the Con	Mal. R No. 12, 201 627 234 125 6, 401 75 350 291 587 334 2,731 415	Female No.  1.318 52 257 133 250 7 54 128 416 3	Mac, n No. 21, 645 1, 654 709 3.79 12, 183 411 1, 290 1, 002 1, 495 962 660 747	No. 3,715 120 752 512 310 59 106 473 1,228	Mai. e No. 10, 101 584 214 124 5, 974 669 506 328 798 192 242 421	Female No. 1,081 78 202 118 86 4 24 142 403 3
Paceagraph and Manageria.  Pagerangan,  Can ea  Anacon Turan.  Other Panasar  Control of the Con	Mal. R No. 12, 201 627 234 125 6, 401 75 350 291 587 334 2,731 415	Female No.  1.318 52 257 133 250 7 54 128 416 3	Mac, n No. 21, 645 1, 654 709 3.79 12, 183 411 1, 290 1, 002 1, 495 962 660 747	No. 3,715 120 752 512 310 59 106 473 1,228	Mal. # No. 10, 101 584 214 124 5, 974 669 506 328 798 192 242 421	Female No. 1,081 78 202 118 86 4 24 142 403 3
Pagenaray and Managerian.  Gara fa  Gara fa  Orace Panager  Managerian  Managerian  Tanadaparane and Garanasa (III)  Tanadaparane and Garanasa (III)  Tanadaparane and Garanasa (III)  Lapparane (III)  Lapparane (III)	MALE No. 12, 201 527 234 125 6, 401 75 356 291 567 334 2, 731 415 33	Female No.  1.318 52 257 133 250 7 54 128 416 3 [8]	Mac.r. No., 21, 845 1, 654 769 379 12, 183 411 1, 230 1, 002 1, 495 660 747 113	No. 3,715 120 752 512 310 59 106 473 1,228	Mal. # No. 10, 101 584 214 124 5, 974 669 506 328 798 192 242 421	Female No. 1,081 78 202 118 86 4 24 142 403 3
Pacentarvar an Manageria.  Gas fa	MALE No.  12, 201 527 234 125 6, 401 75 356 291 587 334 2,731 415 23	FEMALE No. 1,318 52 257 133 250 7 54 128 416 3 18	Mac.r. No. 21,645 1,654 789 339 12,182 411 1,230 1,002 1,495 962 660 747 113	FEMALE No. 3, 715 120 752 752 310 59 106 473 1, 224 9 46	Mal. # No. 10, 101 584 214 124 5, 974 669 506 328 798 192 242 421	Female No. 1,081 78 202 118 86 4 24 142 403 3
PRODUCTION OF THE PROPERTY AND ADMINISTRATION OF THE PROPERTY	MALE No. 12, 201 527 234 125 6, 401 75 756 291 334 2, 731 415 23	Female No. 1.318 52 257 133 250 7 7 54 128 136 18 8 NEVER BEEN 1 1 AND STATES	Mac.r. No. 21, 845 1, 554 789 379 12, 182 411 1, 250 1, 002 1, 495 962 600 747 113	FEMALE No. 3, 715 120 752 512 310 59 105 473 1, 226 9 46	Mai.s. No., 100, 101 584 524 124 524 589 508 228 798 182 242 421 446	Female No. 1,081 70 202 118 86 4 444 403 3 3 21
People and Management,	MALE No.  12, 201  527  234  125  6, 401  75  250  291  567  334  2, 731  415  23	Female No. 1.318 52 257 133 250 7 7 54 128 136 18 8 NEVER BEEN 1 1 AND STATES	Mac.r. No. 21, 845 1, 554 789 379 12, 182 411 1, 250 1, 002 1, 495 962 600 747 113	FEMALE No. 3, 715 120 752 512 310 59 105 473 1, 226 9 46	Mai.s. No., 100, 101 584 524 124 524 589 508 228 798 182 242 421 446	FEMALE No. 1,081 78 202 118 86 4 4 442 403 3 21
PRODUCTION OF THE PROPERTY AND ADMINISTRATION OF THE PROPERTY	MALE No.  12, 201  527  234  125  6, 401  757  356  291  415  23  415  23  E WHO HAVE  PRODUCTION  discounts-way-free.	FEMALE No. 1.318 52 257 133 250 7 54 128 416 3 3 18 NEVER BEEN R.	Mau, r. No. 21, 655 1,	FEMALE No. 3, 715 120 752 512 310 59 106 473 1, 228 9 46	Mai.s. No., 100, 101 584 524 124 524 589 508 228 798 182 242 421 446	FEMALE No. 1,081 78 202 118 86 4 4 442 403 3 21

Division No. 1

No. No. No. No. No.

Mar s FEMALE Marie

No.

10, 841 2, 286 21.103 4,438 5,715 720

R41 77 1.815 110 320 24

377 176 872

323 356 714 965 107 99

4,715 246 6,836 445 3,390 86

1.036 126 1,957 128 355 28

47

TABLE 213. - LABOUR FORCE, 14 YEARS OF AGE AND OVER.

Fenne

1

Dovetion No. 3

MALE FEWAGE

253

48

Division No. 2

2,040

FEMALE No.

868

38 372 33

BY OCCU	PATION GROU	P AND SEX,	FOR CENSUS	DIVISIONS -	ALDERTA, 19	51		
Division No. 10		Deveno	m No. 11	Day a on	No. 12	Division No. 13		
MALE	FEHALE	Magazi	FEMALE	Mace	FEMALE	MAGE	Fire	
No.	No.	No.	No.	No.	No.	No.	No	
15, 585	1,842	68, 880	21, 127	6,024	772	7,914	4	
938	85	7,011	505	386	38	372		
388	423	4,506	3.227	95	104	199		

95 104 199 224

Marie

No. No. Na,

291,269 62 620 154 951 15,285 43,549

24,356 1 992 6,630 724 6,045

13,233 10, 152

11,745 17, 554 1,094 1,216 940

111,745 3.351 107, 629 3, 163 3,646

9,771 5 6,096 2 5,245

25,797 2,585 5, 960 112 5,093

18,760 54 3, 614 2

24,672 1,579 7,781 338 6, 226

15,049 18 270 16, 656 5,031 5,020 4.688 2,827 13.231 11.836

16,318 465 4,383 38 3,308

1.553 495 892 178 407

7, 540 2,978 1,270 2, 632 1,024 12,071

153	234	4,970	7,544	88	73	48	83	
11 232	269	11,256	387	2,576	163	5,960	129	
115		1,375	1	928		155		
60.2	14	8,470	1,257	506	6	270	9	
388	2	7,327	20	207	1	161	1	
712	62	7,355	430	686	11	299	16	
450	189	4,989	2, 535	68	81	156	73	
241	542	5,472	4,860	158	285	107	289	
316	3	5,696	209	233	3	136	1	
50	19	483	152	33	7	51	10	
Division	No. 14	Divisio	н No, 15	Day is on I	No., 16	Division No. 17		
Maux	FEHALE	Maure	FEMALE	Macc	FEHALE	Maux	FEMALE	
No.	No.	No.	No.	No.	No.	No.	No.	
14,716	1,477	6,374	917	10,505	1,248	2,939	274	
791	81	397	48	837	72	162	11	
299	318	172	213	217	257	238	82	
137	138	34	107	110	184	29	18	
10,598	298	3,499	65	7,316	123	871	15	
250		364		120		875	2	
610	6	356	6	452	9	114		
343		184		253		37		
702	27	399	19	512	26	233		
258	137	130	85	305	130	35	18	
218	456	134	343	109	431	125	117	
448	5	348	5	339	2	150		
52	11	107	26	53	14	39	11	

ALBERTA Russe YOYAL RUBBI

No.

3,221 2.577

3,073

Nov-Fare

No.

B. 205 135.308

2, 210

635 17, 726 1,268

952 10.651 16,338

67 4, 116

2 3, 675

73 19, 837

1 15, 146 278

23 11,935

91 851

No.

2,742

Henry MALE

47,344

189

2,474

1.241

6,270

427

317

52

2

No. No.

10, 160 6.931

16,891

		EARNINGS DURING THE YEAR ENDING JUNE 2, 1951, FOR												
Company														
CENTRAL STORM 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			\$500-	\$1000~	\$1500~	\$2000-	\$2500-	\$7,000-	AND					
		15,600	15,421	19,648	27,267	37,733	22,640	19,396	9,281					
2	URBAN													
1							537							
**   1.0														
B														
6   \$\frac{1}{2}\text{\$\begin{tabular}{cccccccccccccccccccccccccccccccccccc														
**		2,076		2,596	6,514				3,260					
## 19	7			32										
1														
11														
## 1														
1														
1														
18														
RAMAL **CON-PARAM**  *** **B\$**  *** **B***  *** ****  *** *****  *** ******  *** *****  *** ****  ***														
		14	31	65	131	776	87	87	25					
*** *** *** *** *** *** *** *** *** **	17	-	-	-	-	-	-	-	-					
1 198 170 270 287 287 287 287 287 287 288 48 41 42 44 44 45 45 45 45 45 45 45 45 45 45 45														
1														
4 198 144 189 200 189 200 189 200 20 20 20 20 20 20 20 20 20 20 20 20														
*** *** *** *** *** *** *** *** *** **														
2	5	40	64			269								
4   188   308   207   207   208   207   208   207   208   207   208   207   208   207   208   207   208   207   208   207   208   20														
## 197 234 234 234 234 24 24 24 24 24 24 24 24 24 24 24 24 24														
1	•													
11														
14. 150 (100 200 200 200 200 200 200 200 200 200														
19 98 102 98 103 103 103 103 103 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					210				105					
16														
14 172 176 176 176 176 176 176 176 176 176 176														
17 18 18 19 18 18 18 18 18 18 18 18 18 18 18 18 18														
1														
3 122 200 120 120 120 120 120 120 120 120				4,396 236	2,834 113				80					
** MSQ 977* 481 199 881 25 8 4  *** 1997 183 183 183 183 183 18 1 2 1  *** 1997 183 183 183 183 183 183 183 18 1 2 1  *** 1997 183 183 183 183 183 183 183 183 183 183														
5 186 174 118 40 21 13 2 2 4 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4														
\$ 429 835 898 228 179 41 22 6 \$ 221 348 498 73 46 44 4 1 4 \$ 221 4 4 4 1 4 \$ 4 1 4 1 4 \$ 5 1 4 4 4 1 \$ 6 1 4 4 4 1 \$ 7 1 4 4 4 1 \$ 7 1 4 4 4 1 \$ 7 1 4 4 4 1 \$ 7 1 4 4 4 1 \$ 7 1 4 4 4 1 \$ 7 1 4 4 4 1 \$ 7 1 4 4 1 \$ 7 1 4 4 1 \$ 7 1 4 1 \$ 7														
7 123 384 187 175 187 187 187 187 187 187 187 187 187 187														
1	2													
9 225 286 223 107 07 14 10 10 10 10 10 10 10 10 10 10 10 10 10														
10 255 443 223 55 56 228 11 5 11 328 444 416 278 224 116 53 36 12 47 181 56 42 29 12 4 1 14 21 21 21 21 21 21 21 21 21 21 21 21 21														
12			493		35		2.0							
13 219 198 76 46 28 4 3 14 238 28 182 177 92 50 44 7 15 69 116 99 53 23 12 5 2 16 222 261 129 44 44 12 8 2														
14 338 328 186 117 86 80 44 7 19 83 118 99 53 33 12 5 2 16 222 281 129 44 44 12 8 2														
15 63 116 99 53 23 12 5 2 16 222 261 129 64 44 12 8 2														
16 222 281 139 44 44 12 8 2														
	10	22	281	129	94	**	12		ž					

TABLE 214-ALBERTA WAGE-EARNERS, IN YEARS OF AGE AND OVER, BY SEX.

### SHOWING THE NUMBER OF WAGE-EARNERS BY AMOUNT OF CENSUS DIVISIONS, URBAN, RUSAL NON YARM. AND FASHI

	 	_	

			NJMBE	B OF FE	MA. E					
UNDER										
<b>\$500</b>	\$500-	\$1000-	\$1500-	g200e-	\$2500-	\$2000-	SA000		GE-EARNE	
							OVER	MALE*	FEMALE	
12,516	9,635	14,534	19,469	4_694	1,275	510	43	170,173	56,799	
# 602	7 280	12 790	9 340	5 792	1 047	664	79	116,881	45,004	
329	335	475	244	95	29		-	4 494	1.610	1
764	563	955	490	166	62	31	3	9 771	3,169	2
43	44	73	40	35		2	-	815 699	255	4
49	39	50	28	11	:	1		872	189	- 3
3,041	2 478	4.250	2.473	1.109	441	182	58	41 916	14 129	- 6
26	16	20	20	14		7		401	143	7
426	425	694	319	121	36	9.7	1	5 094	2,129	
64	43	50	21	22.	4	1	-	785	237	2
#13	131	184	72	16		4	-	1,458	961	10
3,199	2 905	5,563	4,242	1,562	416	191	36	47 415	19.639	11
44	30	42	22	14	1 5	;	-	504 700	149 216	12
72	77	47	47	22		;		500 258	312	15
25	92	85 M	33	28	i	;	-	201	319	15
27	30	19	25	10	:	i	- :	509	220	16
		-		-		-	-			17
2,055	1,539	1,347	829	202	186	27	4	32,311	7,267	
23	38	39	32	26	7	4	-	644	2.09	
104	81	53	53	30	14	3	-	1,387	370	2
58	46	12 78	38	37	4 22	3	-	1,171	248	3
79 17	71	78	29	54	13	•		1,679	190	- :
266	222	193	112	93	23	ē	_	3,644	973	- ;
165	145	125	78		17	ž	- 1	4.354	622	- 5
160	100	101	19	14		2	,	1 843	602	
lot	194	96	48	40		7	-	2,072	429	
174	611	100	62	70	15	4	-	1,689	543	10
147	116	129		63	18	4		2,910	369	12
60	63	57	12	20	10	2 2	ī	2,089	261	12
123	94	42 22	43 79	38 39		4		1.420	425	14
117	17	26	22	28	- 1	7	_	1,214	301	15
160	120	122	30	42	- ;		_	1,513	545	16
99	43	30	23	12	- 1	ī	-	1,271	216	17
1,850	667	397	3.96	337	42	2	-	20,979	4,325	
112	41	45	10	. 7		-	-	1 368	257	- 1
261	102	49	29	16		-	-	2 349	120	2
127	29	18	11		- :	-		1,565	798	3
49	30		13	14	- ;	-	-	491	(21	- 7
169	114	35	32	29	,	_	_	2.360	416	
99	46	2	22	65		-	-	579	223	7
205	75	42	59	37			-	5 135	463	
igt	3.0	14	10	34	1	-	-	1,939	245	
158	44	23	33	28	4	z	-	1,265	331	10
127	A5	53	43	43	4	-	-	2 663	408 122	11
77	23	15	12	14 20			-	620	172	13
112	63	32	44	42	;			1 284	346	14
52	2.9	51	~	- 7	- 1	- 1	-	439	127	15
115	42	36	10	23		-	-	826	282	16
12.	3	1	2		-	-		96	23	17

31. MGLENNAN

31. MEDICINE HAT

33, OLDS

34. PEACE RIVER

15. PINCHER CREEK

м. FONOKA

M. WEYASKIWIN

CITY, YOWN OR

VILLAGE

I. ATHABASCA

BARRHEAD

DEVERLY BLACK DIAMOND to 5. PLAIRMORE 

\$1000-\$1500-\$2000-\$2500-\$3000-\$4900 OVER

UNDER 

6.	BONNYVILLE	20	10	31	49	35	21	25	2	
7.	BOWNESS	49	81	48	145	255	528	57	17	
4.	BROOKS	11	31	61	114	91	46	5.5	10	
9.	GALGARY	1,792	1,635	2,984	3,571	9,056	4,259	5,072	3,090	
to.	GAMROSE	45	34	63	106	206	100	64	31	
11.	CARDSTON	25	11	42	78	73	44	23	11	
12.	CLARESHOLM	21	29	35	60	70	20	29	12.	
15.	COLEMAN	12	20	33	123	230	124	24	57	
14.	DIDSHURY		182	31	38	40	30	57	65	
19.	DRUMNELLER	2.0	30	39	87	161	122	147	43	
16.	EDMONTON	2,333	1,905	3,642	5,964	10,826	6,864	6,413	3,446	
17.	EDSON	21	58	40	40	120	82	95	61	
10,	FOREST LAWN	13	1.7	20	50	108	34	12	2	
19.	FORT SASKATCHEW	7AN 11	15	15	41	37	47	9	3	
20.	GRANDE PRAIRIE	14	21	85	131	174	57	67	2.5	
21.	HANNA	57	27	12	50	90	74	538	36	
22.	HIGH PRAIRIE	60	15	30	41	38	54	22		
20.	HIGH RIVER	15	12	33	42	64	2.7	24	6	
24.	INHISPAIL	2		43	54	49	40	14		
25.	ASPER PLACE	105	142	269	483	652	346	200	31	
26.	LACOMBE	32	21	57	130	121	46	26	12	
27.	LEDUC	37	25	43	67	90	61	71	34	
20.	LEYHURIDGE	2.54	285	644	1,000	1,655	641	63.0	374	
29.	MACLEOR	11	19	29	106	110	77	35	1.6	
30,	MAGRATH	22	20	26	55	64	19	2		

\* INCLUDES WAGE-EARNERS NOT REPORTING EARNINGS.

TABLE 215- ALBERTA WAGE EARNERS, 14 YEARS OF AGE AND OVER, BY SEX. INSE DURING THE YEAR ENDING JUNE 2, 1861, FOR INCORPORAT-

NUMBER OF MALE

t: 

37. RAYMOND 35. REDCLIFF 39, RED DEER 40. DEDWATER 41. ROCKY MOUNTAIN HOUSE 42, ST, ALBERT . 42. ST. FAUL 44. STETTLER 49. TABER 46. THREE HILLS 47. VEGREVILLE 48, VERMILION 49. VULCAN SO. WAINWRIGHT 51. WESTLOCK 

\*\* 3.7

73.7 

## SHOWING THE NUMBER OF WASE-EARHERS BY AMOUNT OF EARN-ED CITIES, TOWNS AND VILLAGES OF 1,300 POPULATION AND OVER NUMBER OF FEMALE

UNDER										
\$500	\$500-	\$1000-	\$1500-	\$2,000-	\$2500-	\$5000-	\$4000 AND	TOTAL WA	FEMAL	ERS
							OVER	NO.	NO.	
5	15	15	16		3	-	-	196	65	1.
27	28	13	6 12	7	2		-	166	49 (31	3.
41				3	- 7	2		871 243	45	3.
10	6 20	26	3 17		;	1		243 573	45	4.
10	20	20	17		,	-	-	5/3	- 00	٠,
16	19	21	12.		2		_	217	65	6.
10	10	31	15	- 11	2			217	(26	7.
26	33	60	25	17	- 5		-	422	165	4.
2,538	2,115	3,846	3,503	1,494	494	667	36	36,229	14,491	9.
47	63	109	42	17			-	775	310	10,
37	27	43	18	16	3	2	-	239	1172	11.
2.0	35	36	25	6	2	2	-	240	T31	12.
18	19	15			2	-	-	834	76	13,
11	17	20		9	2		-	237	75	14.
41	36	57	50	26	2			663	2.09	IS.
3,121	2,658	5,317	4,160	1,519	405	186	35	43 ,524 206	10,147	16,
19	10	17	11	14				247	62	10.
7	10	14	- 1				=	194	47	19.
37	26	19	25	15	- 1	-	-	628	zto	20.
	24	**	1.0			-		013	220	
40	37	37	22	10	5	_	_	478	156	24.
2.7	30	25	-	2	- 1	2		206	134	22,
22	16	60	24	15	z	- 1	-	256	146	23.
3	29	50	13	,	4	-	-	257	101	24.
105	116	127	43	23	4	3		2,266	444	25.
31	10	66	50	11	3		-	473	212	26.
34	26	44	10		5	5		462	131	27,
361	352	719	059	102	48	5.4	3	6,811	2,248	28.
2.9	30	39 13	13	6	2	- 1		419 215	125	20,
2.0	10	13	18		-	-	-	215	60	30.
12	12	10				-	_	345	57	31,
281	255	422	215		10	,	-	3,788	1,400	32,
28	40	43	22	-	- 1		_	294	140	33.
46	10	51	20	15	- 1		-	635	168	34.
2.0	33	26	15	13	1	-		2,50	119	35,
47	30	89	36	17	4	1	-	550	192	36.
3.6	16	22	16	15	5	-	-	327	95	37.
17	19	18	19	10	4	-	-	343	50	36,
184	127	238	140	44	11	4		1,675	775	59.
4	7	16		7	-	-	-	356	49	45.
20	14	26	16	12	_			210		41.
Z0 60	20	5	4	4				142	107	42.
30	26	26	21	14	- ;		_	2.63	125	43,
46	47	60	24	16	i	-	-	486	205	44.
99	49	46	25	13	- 1	2	-	600	207	49.
			20					- 200		
96	13	28	9	3		-	-	175	610	46.
43	53	62	30	9		1	-	593	253	42,
80	43.	64	25	5		2	-	329	174	40.
2.1	20	9.9	10	5	-	-	-	200	80	49,
26	16	9.0	20	14	4		-	465	1.43	10.
33	29	21	13					217	112	51.
80	77	97	30	19	4	3	-	270	334	52,

TABLE 216 - OCCUPIED DWELLINGS, BY TENURE, EHOWING TYPES OF DWELLINGS, BY CENSUS DIVISIONS AND MAJOR CITIES ALBERTA, 1951

No., 20, 750 200, 750 200, 750 200, 750 200, 750 200, 750 200, 750 200, 750 200, 750 200, 750 200, 750 200, 75	No., 204,000 163,795 40,205 7,995 15,260 4,260 7,580 4,690 28,610	No. 7, 850 4, 630 3, 220 440 530 105 200	No. 37,085 9,300 27,785 1,730 2,670 195 195
3, 055 1, 695 3, 905 3, 905 3, 905 1, 625 7, 960 1, 825 1, 825 3, 105 3, 115	163,795 40,205 7,295 15,260 4,260 7,560 4,690 28,010	4, 530 3, 220 440 530 105 200	9,300 27,765 1,750 2,670 195
1,695 3,905 3,645 1,625 7,960 1,605 5,005 3,115	7, 595 15, 250 4, 260 7, 590 4, 690 28, 610	3, 220 440 530 105 200	27,745 1,730 2,670 195
3, 905 8, 645 1, 625 7, 960 1, 835 3, 095 3, 115	7, 595 15, 260 4, 260 7, 590 4, 690 38, 010	440 530 105 200	1,730 2,670 195
8, 645 1, 625 7, 960 1, 635 5, 095 3, 115	15, 260 4, 260 7, 580 4, 690 38, 010	550 105 200	2. 670 195
1, 625 7, 960 1, 835 5, 095 3, 115	15, 260 4, 260 7, 580 4, 690 38, 010	550 105 200	2. 670 195
7, 960 1, 835 5, 695 3, 115	7,560 4,690 38,010	200	195
1,835 5,095 3,115	4,690 38,010		195
5, 095 3, 195	4,690 38,010		100
3, 195			
		1.105	15,775
225	7,525	368	220
	16,950	675	1.355
1,780	8,190	325	195
L 095	12, 080	605	280
1,550	43,860	1,720	13,780
1,940	4,685	125	
7,015	6,470	400	
1,080	11,450	425	180
5,430	5,010	170	140
915	7,970	555	115
1,540	2,435		
7,710	22,070	490	15,020
1,925	28,460	1,110	13,270
1,580	4,250	165	2,160
, 925	3,015	253	1,535
	, 550 , 540 , 540 , 615 , 625 , 625 , 710 , 925 , 580 , 925	1,500 42,800 -540 4,585 -015 6,470 -050 9,470 -050	1,950 43,960 1,720 3,960 43,960 1,720 3,960 43,960 44,950 440 1,975 7,070 555 2,452 23,460 1,110 22,070 488 285 28,460 1,110 2865 28,460 1,110

SINGLE OSTACHED SWELLING- THIS TYPE OF SWELLING IS COUNSDRLY LAULES A SINGLE HOUSE. E , A HOUSE CON YAINSHING ONE OWELLING LINT, AND COMPLETELY SEPARATED ON ALL & DES FECH ANY OTHER HUNDING OR STRUCTURE.

SHARLE ATTACHED OWELLING- EACH HALF OF A BENE OCTACHED OR DOUBLE) HOUSE, AND LACH SECTION OF A BOW OR TERRACE IS DEF HED, FOR CENSUS PURPOSES, AS A SINGLE ATTACHED DWELLING.

APARTMENTS AND PLATS. THESE INCLUDE THE POLLOWING.

- DWELLING UNITE IN APARTMENT BLOCKS OF APARTMENT HOTELS.
- III) SUITES IN DUPLEXES ON TRIPLEXES, I.E. WHERE THE E-V SIGN SETWEEN DIRECTION SPITS IS HOSIGOPPAL.
- (ID) SUITES IN STRUCTURALLY CONVENTED HOUSES,
- IN) LIVING QUARTERS LOCATED ABOVE, OR IN THE PEAR OF STOKES RESTAURANTS, GARAGES, OR OTHER BUS HESS -
- (Y) JANITOR'S QUARTERS IN SCHOOL'S, CHURCHES, WARRHOUSES, STE
- ON) PRIVATE SURFERS FOR SUPERINTENSENTS IN HOSPITALS OR OTHER TYPES OF INSTITUTIONS,

						OUNTER Y P					
	TOTAL	NO. REST PAT D	5 1 14	.s 15-19	5 20-24	\$ 25-29	\$ 30-39	\$ 40-49	\$ 50-99	5 60-49	704
	No.	No.	Nov	No.	No.	No.	No.	No.	No.	No.	No
ALBERTA	60,420	4,975	6,310	5,405	5,575	6,115	11,490	7,275	5,115	3, 240	4,92
Public	13,750	3.355	4,265	2,235	1,820	1,010	1,020	405	110		
phone management of the	46,670	1,620	2,025	3,179	4,355	5, 105	10. 470				
MALOUR AND DVSE COLUMN	32, 045	625	675	1,600	2, 745	3, 265	6, 935			2,670	4,41
10,400-13,790	4,640	£10	245	330	375	550	1,380	725	550	210	16
WHOSE SERIES or at	9,985	815	905	1,040	1 225	1,270	2,125	1 350	640	2.05	24
GAL BARY											
PROPER	15, 460	370	400	1,060	1,500	1,690		2,320			
METROPOLITAN	16,045	435	\$55	1 185	1,509	1,775	3 200	2,300	1 925	1,175	1 87
EBNOTEN											
PROPER ASSESSMENT TO THE RE-	16,585	255	295	780	1,245	1,595	3 785		1,950	1,520	
METROPOL TAN	17,475	330	400	500	1 345	1 755	3,950	2,615	1 915	1,590	2,64
KETHIN DEC	2,625		195	190	180	250	705	430	350	150	11
MERCHAN PAY	2, 015			140	195	300	675	295	200		

BOCK THEY ARE BURGED? TO SAMPLING GROOM

TABLE 218. NUMBER OF DWELLINGS, OCCUPIED, BY HOOMS PER DWELLING ALBERTA 1951

				CATAL INCO ST NUMBER OF ROSHS								
TOTAL DWELL HO	, 1	2	3	4		6	7	В	9	10+	AVERAGE HUMBER OF ECCH MEA DWELLIN	
No.	Ne.	No.	No.	No.	Ho.	No.	No.	No.	No.	No.	No.	
250,750	12,765	25,765	34,950	62,765	50,365	32,440	16,295	8,820	3,405	3,140	4.5	
179.055	6,545	13, 135	19, 230	46,720	40,050	25 555	13,700	7,610	2,855	2,655	4.7	
71,695	6,220	12,530	15, 720	16,065	10,335	5,885	2,595	1,210	590	455	3.7	
125, 325	7 735	14,995	17,990	28,440	25,420	15,765	8, 560	#, B4S	1,950	1,555	4.4	
45,095	4,075	9. 260	11,875	18,005	16,335	(1,8(5	6 755	4,025	1 655	1,335	4 6	
40,230	3,700	5, 715	6,055	10,435	7,085	3,950	1 905	620	295	220	4.0	
125, 425	5 030	10, 779	16,990	34,345	26,965	16,575	7,425	3,975	1,455	1,585	4.5	
37,710	1,715	3, 335	5, 565	9,315	8,460	5,140	2,020	1,240	410	490	4.5	
42,925	1,845	3, 335	5,480	11,845	8,895	5,965	3,035	1,290	550	715	4.6	
6,580	290	515	925	1,810	1,905	755	365	235			4.5	
4,825		390	925	1,375	1,065	540	365	120			4.5	
	No. 750 179.055 71,695 125,325 45,095 40,230 125,425 37,710 42,925 6,980	No. No. 250,750 12,765 179 035 4,545 7,1685 6,220 125,325 7 735 45,225 2,700 125,425 5 030 37,710 1,713 42,925 1,815 6,580 295 1,815 6,580 295 1	No. No. No. No. No. No. No. No. No. No.	Me, 12, 75 22, 76 34, 50 1, 75	1 2 3 4 10 2 3 4 10 20 3 4 10 20 3 5 10	1 2 3 4 2 200.00 10 10 2 3 4 2 200.00 10 10 10 10 10 10 10 10 10 10 10 10 1	**************************************	**************************************	Notes         1         2         3         4         2         6         7         2           28.700         1         2         3         4         2         6         7         8           28.700         1         8	Terms. 1 2 3 4 5 6 7 8 9 9 1 1 2 1 3 4 1 5 6 7 8 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Terms. 1 2 2 3 4 5 6 7 8 9 104  Terms. 2 3 4 5 6 7 8 9 104  Terms. 2 4 7 8 8 9 104  Terms. 2 5 8 104  Terms. 2 5 8 104  Terms. 2 5 8 104  Terms. 2 5 8 104  Terms. 2 5 8 104  Terms. 2 5 8 104  Terms. 2 5 8 104  Terms. 2 5 8 104  Terms. 2 5 8 104  Terms. 2 5 8 104  Terms. 2 5 8 104  Term	

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# TABLE 219 -- FAMILIES AND NUMBER OF PERSONS PER FAMILY. RURAL AND LIBRAN.

	AND BY CERSOS DIVISIONS AND CITIES - ACREMIA, 190:												
	TOPAL FAMILIES	PERMITTE IN FAM - Y	AVERAGE Number OF PERSO	ped	3	4	5	6	7	8	94		
	No.	No.	No.	No.	No.	No,	No.	No.	No.	No.	No.		
LBERTA	223,326	816,050	3 7	65, 812	53,897	49,676	27,076	13. 434	6. 628	3, 236	3,867		
WEAL.	108,852	433.873	4.0	25, 595	23.959	23, 603	15.368	8.776	4.837	2.496	2,998		
FARM	76, 216	352,065	4,1	17,027	16,629	16.672	11,256	6,606	3,721	1,900	2,405		
HON-FARM	32,636	121,808	3.7	9, 558	7,330	7,131	4,132	2, 170	1,116	596	593		
MBA~	114,474	382, 177	3,3	39, 217	29, 933	25, 873	11,686	4,658	1,791	740	569		
NY(BION 1	8,874	32,125	3,6	2,716	2,116	1,950	1,067	514	261	122	128		

HON-FARM	32,636	121,808	3.7	9, 558	7,330	7,131	4,132	2, 170	1,116	596	583
UNBAN	114,474	382, 177	3,3	39, 217	29,938	25, 873	11,688	4,658	1,791	740	569
DIVIDION 1	8,874	32,125	3,6	2,716	2,116	1,950	1,067	514	261	122	128
evision 1	17, 165	63,690	3,7	4,966	4,125	3,843	1,957	1,108	536	279	351

DIV-810H 1	8,874	32,125	3,6	2,716	2,116	1,950	1,067	514	261	122	128
envilon 1	17,165	63,690	3,7	4,966	4,125	3,843	1,957	1,108	536	279	351
BIV1510H 3	3,970	15,161	3.8	1,017	917	903	558	306	142	58	69
9-Y1810H 4	7,005	25, 792	3.7	1,996	1,607	1,639	961	419	184	90	109
0:V-810H E	3,858	13,914	3, 6	1,150	975	809	479	240	114	44	47
D V 810H 6	49,516	164,435	3,3	17,331	13,028	10,974	4,687	1,923	719	355	299
BIV 810H 1	6,948	26,259	3,6	1,983	1,569	1,479	953	499	234	132	129
E-V \$10H 6	17,200	64,029	3,7	4,770	3,999	3,931	2,296	1,175	517	253	259
DIVISION S	7,443	28,132	3.8	2,060	1,684	1,605	1,027	551	267	129	120
BIV15.0% IQ	11,719	45,438	3.9	2,871	2,688	2,648	1,731	893	471	212	203

DIVIDION 4	7,005	25, 792	3.7	1,996	1,607	1,639	961	419	184	90	109
OLV-BION E	3,858	13,914	3, 6	1,150	975	809	479	240	114	44	47
D V 810H 6	49,516	164,435	3,3	17,331	13,028	10,974	4,687	1,923	719	355	299
21V 610H 7	6,948	26,259	3,6	1,983	1,569	1,479	953	499	234	132	129
EPV 610H 6	17,200	64,029	3,7	4,770	3,999	3,931	2,296	1,175	517	253	259
DEVISION to	7,443	28,132	3.8	2,060	1,684	1,605	1,027	551	267	129	120
BIV15.0N IQ	11,719	45,438	3.9	2,871	2,688	2,648	1,731	893	471	212	203
DEVISION I	55,306	193,850	3, 5	17,068	14,008	12, 783	6,341	2,841	1,243	535	487
opy átga is	4,009	15,427	3,8	1,056	921	866	518	325	178	78	69
DEVICE (5	6,167	27,716	4.5	1,253	1,168	1,190	859	817	458	250	372
DEVEROR (4	10,520	42,547	4.0	2,426	2,354	2,298	1,524	866	255	279	291
DEVICE PE	4,397	15,979	4,3	1,014	872	533	646	380	268	139	243
DEVISION IS	7, 200	28,782	4.0	1,764	1,565	1,565	1,032	582	330	160	202
SEVISION IZ	2,029	9,774	4.8	403	341	340	238	195	184	121	187
641.0407	34,053	107, 344	3.2	13,630	9,333	7,408	2,848	959	275	122	78
EDMONTON	40,278	134, 820	3.3	13,522	10.613	2,245	4,207	1, 633	650	236	172
L FTmbdyman	6.058	20,068	3.3	2.044	1 639	1 426	570	242	82	29	26

14,552 4,649 1,642 1,142 MEDICINE HAT 1.864 6,247 Ė MEO CERA 

**ORUMNELLE** 2,225 3,210 3,4 

PAMILY: FOR CENTUR PURPOSES, A FAMILY GOING STE OF HUSBARD AND MIFE ONLY OR WITHOUT CHILDREN OR A PARENT WITH AN UNMARKING CHILD FOR CHILDRENG LIVING TOGETHER IN THE BAME OWELLING. ONE OR HORE PARTILLES MAY NIVE WITHIN THE BANK OWELLING

FAMILIES BY NUMBER OF CHILDREN 24 YEARS AND UNDER AT HOME. RURAL AND IRRAN

TABL x 220.

OR THE SAME DWILLING.

ALBERTA

No No.

250, 747 29,624 103,443 80,048

TABLE 221 -- HOUSEHOLDS BY NUMBER OF PERSONS AND AVERAGE NUMBER OF PERSONS PER HOUSEHOLD. RURAL, AND URBAN, AND BY CENSUS DIVISIONS AND CITIES ALBERTA, 1951 HOLEHOLDS BY NOMBER OF PERSO Тотак AVENAGE NUMBER OF PENSONS PER HOWERHOLD No.

No.

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34,608 3.024 3.6

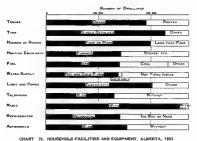
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RURAL	125,324	16,844	45,390	39,893	21,218	1,979	3.8	
PARH	85,096	9,860	29,329	28,241	16,105	1,561	4.0	
MON-PARM	40,228	6,984	16,061	11,652	5,113	418	3.4	
URBAN	125, 423	12,780	58,063	40,153	13,390	1,045	3,4	
61Y1FION 1	9,906	1,170	4,267	3,118	1,264	87	3,5	
DEVIROR I	18,645	2,016	7,762	6,000	2,646	221	3,6	
BEA1121DH &	4,626	597	1,797	1,482	705	45	3,6	
DIVERSON 4	7,958	949	3,226	2,688	1,014	18	3,6	
DE-14:0H 2	4,895	846	2,060	1,349	562	38	3,3	
DEVERSOR 6	55,093	6,279	25,757	17,088	5,523	446	3.4	
BIVESION 7	8,116	1,082	3,226	2,527	1,193	88	3,6	
DIVERSON 4	19, 225	2,009	7,764	6,500	2,753	199	3,7	
	4 742	1 100	2 484	9 799	1 947	70	9.5	

DIA19/0H 4	55,093	6,279	25, 757	17,088	5,523	446	3.4	
DIVERSON 7	8,116	1,082	3,226	2,527	1,193	88	3,6	
BIY1810H 4	19, 225	2,009	7,764	6,500	2,753	199	3,7	
BIVESION 9	8,782	1,289	3,464	2,723	1,247	79	3.5	
DIVISION IO	13,096	1,445	4,929	4,467	2,108	150	3,8	
phylificon (i	59, 554	5,495	25,467	20,035	7,908	648	3,6	
DIVIDION IS	4,939	863	1,841	1,438	749	48	3,5	
BEYTHLON 13	7,084	915	2,102	2,038	1,698	281	4,3	
DIV1610H 14	12,079	1,603	4,220	3,864	2,213	129	3,8	
DIVISION IS	5,428	361	1,772	1,465	1,041	169	3.9	
BEVERION IS	0,913	1,616	3,116	2,852	1,375	154	3,6	
DIVISION (7	2,541	509	677	594	630	131	4,2	

CALGARY 37 711 4 245 18,676 11,305 3 219 285 42, 922 3,816 19,329 14,284 5,000 3,6 \*\*\*\*\*\*\*\*\*\*\* 6, 550 712 3,003 2, 123 679 51 3.4 PETHERIDGE 4, 926 505 2,480 1,481 428 28 MEDICINE HAT 204 598 175 13 2,099 1,009 **REO** OF ER 801 108 387 237 65 4 DRUMNELLET 119 347 136 ŝ we'r ader with 1,056 445

HOMESHOUDTH PERSON OF A SECUR OF PERSONS OCCUPYING ONE SPEEDING UNIT IS NOT INFO AS A PROJECTION. EVERY INDIVIDUAL IS A MEMBER OF SOME HOUSEHOLD, THE NUMBER OF HOUSEHOLDS WILL THUS BE EGUAL TO THE HUMBER OF OCCUPIED DWELLINGS, THIS WAS MOT THE CASE IN EASLIER CENSUSCE OWING TO A DIFFERENT DEPINITION OF HOUSEHOLD EMPLOYED PRIOR TO 1951, IN THE 1961 AND EARLIER CENSURES HOUSEKEEPING UNITS WITHIN DWELLINGS WERE DISTINGUISHED AS REPARATE MOUSENGLDS, THUS PERMITTING TWO OR MORE HOUSENGLES TO EXIST WITHIN ONE DWELLING.



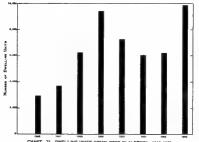


CHART 71, DWELLING UNITS COMPLETED IN ALBERTA, 1946 1953

Data for the majority of the tables have been abstracted from Daminson Bureau of Statistics pub reations. Figures from this source have been used wherever possible

In some cases it has been preferable to use departmental or other administrative records and such statistics are usually identifiable from their context.

In order to make the material as authoritative as possible, the text accompanying and introducing each section was prepared by government and other officials mast intimately concerned and acquainted with the subject being discussed. In such case the name of the person who prepared the material is noted on the flyleof to each section. The following list indicates the sections to which material was contributed by persons not on the staff of the Alberta Bureau of Statistics, and the name of the contributor. The sections are in the order in which they appear in the book.

AGRICULTURE-R.E. English.

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Agricultural Statistician, Alberto Department of Agriculture

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Chairman. Alberta Power Commiss on.

J L. Reid. Water Resources Branch.

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Credit for the work done in preparation of the unsigned sections goes to the following numbers of the Austral Bureau... Mr. A. Show, Austrant Startistician, and Mr. Wim, G., Bress, Analyst, Mrs. J.A., Charlebols and Mils I.C. Michaell who set up and prepares the tables, Mrs. W. Kucher who prepared the closes and graphs, and to the other members of the staff who spent much time in verifying and clecking stafficial and control staff and countrying on their normal duties.

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GENERAL SCIENCES

